ILLUSTRIERTE TECHNISCHE WÖRTERBÜCHER IN SECHS SPRACHEN:...

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Frederick Adams Woods
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Illustrierte Technische Wörterbücher

In sechs Sprachen:

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Eisenbahnbau und Eisenbahnbetrieb

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I.

Allgemeines
General Terms
Généralités

Общія понятія
Generalità
Generalidades

Grundbegriffe
General Terms
Considérations générales

Основныя понятія
Considerazioni generali 1
Consideraciones generales

Eisenbahn (f)
railway (abbr. Ry), railroad (A), (abbr. Rr).
voie (f) ferrée, chemin (m) de fer

Eisenbahnwesen (n)
railway matters
les chemins de fer

Zugförderung (f), Traktion (f)
traction
traction (f)

Bahnanlage (f), Eisenbahnanlage (f)
railway installation
installations (f pl) d'une ligne de chemin de fer

Eisenbahnbau (m)
railway construction
construction (f) d'une ligne de chemin de fer

Eisenbahnunterhaltung (f)
railway maintenance
entretien (m) d'une ligne de chemin de fer

желѣзная дорога (f)
ferrovia (f), strada (f) ferrata, guidovia (f) 2
ferrocarril (m), via (f) férrea, camino (m) de hierro

желѣзнодорожное дѣло (n)
materia (f) ferroviaria 3
materias (f pl) de los ferrocarriles

тяга (f)
rimorchio (m), trazione (f) 4
tracción (f)

путь (m); путевое устройство (n); устройство (n) пути
impianto (m) ferroviario 5
o d'una ferrovia
instalación (f) de un ferrocarril

постройка (f) *или* сооруженіе (n) желѣзныхъ дорогъ
costruzione (f) d'una linea ferroviaria 6
construcción (f) de una vía férrea

содержаніе (n) желѣзныхъ дорогъ
manutenzione (f) d'una linea ferroviaria 7
entretinimiento (m) de una vía férrea

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1	Eisenbahnbetrieb (m) railway working exploitation (f) des chemins de fer *ou* d'une ligne de chemin de fer	эксплоатація (f) желѣзныхъ дорогъ esercizio (m) di ferrovie *o* d'una linea ferroviaria explotación (f) de los ferrocarriles *ó* de una vía férrea
2	Eisenbahnverkehr (m) railway traffic trafic (m) d'une ligne de chemin de fer *ou* des lignes de chemin de fer	желѣзнодорожное движеніе (n) traffico (m) d'una linea di ferrovia *o* di linea ferroviaria tráfico (m) ferroviario
3	Staatsbahn (f) government railway, state railway chemin de fer (m) de l'État	казённая желѣзная дорога (f) ferrovia (f) dello Stato via (f) del Estado; via nacional
4	Privatbahn (f) privately owned railway chemin de fer (m) privé *ou* exploité par une compagnie	частная желѣзная дорога (f) ferrovia (f) privata linea (f) privada *ó* explotada por una compañía particular
5	Militärbahn (f) military railway chemin de fer (m) militaire	военная желѣзная дорога (f) ferrovia (f) militare ferrocarril (m) *ó* linea (f) militar
6	strategische Bahn (f) strategic railway chemin (m) de fer stratégique	стратегическая желѣзная дорога (f); желѣзная дорога для стратегическихъ цѣлей ferrovia (f) strategica ferrocarril (m) estratégico
7	Kreisbahn (f) district railway chemin (m) de fer régional	желѣзная дорога (f) мѣстнаго значенія ferrovia (f) regionale ferrocarril (m) regional
8	Eisenbahngesellschaft (f) railway-company, railroad-company (A) compagnie (f) de chemins de fer	желѣзнодорожное общество (n) società (f) *o* compagnia (f) di strade ferrate compañía (f) de ferrocarriles
9	Eisenbahnbaugesellschaft (f) railway construction company société (f) *ou* compagnie (f) d'entreprise [de construction] de chemin de fer	общество (n) по сооруженію желѣзныхъ дорогъ società (f) *o* compagnia (f) di imprese ferroviarie compañía (f) constructora de un ferrocarril

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Eisenbahnbetrieb[s]-gesellschaft (f) railway working company société (f) *ou* compagnie (f) d'exploitation de chemin de fer	общество (n) по эксплоатаціи желѣзныхъ дорогъ società (f) *o* compagnia (f) d'esercizio ferroviario compañía (f) dedicada á la explotación de caminos de hierro *ó* ferrocarriles	1
Staatsbetrieb (m) state working of railway exploitation (f) par l'état	эксплоатація (f) государствомъ *или* казной esercizio (m) di Stato explotación (f) por cuenta del Estado	2
Privatbetrieb (m) private working of railway exploitation (f) par une compagnie, exploitation (f) privée	эксплоатація (f) частной компаніей *или* частнымъ обществомъ esercizio (m) d'una compagnia esercente privato explotación (f) por una compañía particular	3
Pachtbetrieb (m) working a railway by lease exploitation (f) affermée *ou* moyennant une redevance	эксплоатація (f) на арендномъ правѣ esercizio (m) appaltato mediante un canone explotación (f) mediante arriendo	4
Mitbetrieb (m), Gemeinschaftsbetrieb (m) joint working exploitation (f) en commun *ou* collective, co-exploitation (f)	эксплоатація (f) сообща съ . . . esercizio (m) in comune *o* coesercizio explotación (f) en común *ó* colectiva	5
Mitbetrieb[s]recht (n), Mitbenutzungsrecht (n) running power co-jouissance (f) *ou* jouissance (f) en commun [d'une ligne]	владѣніе (n) линіей въ сообществѣ съ . . . cointeressenza (f) *od* interessenza (f) in comune derecho (m) de explotación común (de una linea)	6
Bahneigentum (n) railway property propriété (f) d'une ligne de chemin de fer	собственность (f) *или* имущество (n) желѣзной дороги proprietà (f) d'una linea ferroviaria propriedad (f) de una linea ferroviaria	7
Eisenbahntechnik (f) railway technics technique (f) des chemins de fer	желѣзнодорожная техника (f) tecnica (f) delle strade ferrate técnica (f) de los ferrocarriles	8
Eisenbahnrecht (n) railway law législation (f) des chemins de fer	желѣзнодорожное право (n) diritto (m) ferroviario, legislazione (f) ferroviaria leyes (f pl) sobre los ferrocarriles	9

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1 Eisenbahnbaurecht (n)
right to build a railway
droit (m) de construction *ou* d'établissement d'une ligne [de chemin de fer]

право (n) на сооруженіе желѣзной дороги
diritto (m) di costruzione *o* d'impianto d'una linea ferroviaria
derecho (m) de construcción de una vía férrea

2 Eisenbahnverwaltungsrecht (n)
right to manage a railway
droit (m) à administrer *ou* à participer à l'administration d'une ligne

право (n) желѣзнодорожнаго [у]правленія
diritto (m) d'amministare *o* di partecipare ad una amministrazione di ferrovia
derecho (m) à administrar una linea de ferrocarril

3 Eisenbahnkarte (f)
railway map, railway diagram
carte (f) des chemins de fer

желѣзнодорожная карта (f)
carta (f) delle strade ferrate
mapa (m) de ferrocarriles

4 Bahngelände (n)
country traversed by railway
contrée (f) traversée par la voie

мѣстность (f), по которой проходитъ дорога
terreno (m) della ferrovia
terreno (m) de la vía

5 Bahnstrecke (f)
portion of a line, railway length *or* division (A)
portion (f) *ou* section (f) *ou* tronçon (m) de voie

участокъ (m) пути
tronco (m) della ferrovia
trozo (m) de vía

6 Bahnlinie (f)
railway route
ligne (f) de chemin de fer

направленіе (n) желѣзной дороги; направленіе линіи *или* пути
tracciato (m) della ferrovia
linea (f), trazado (m) de un ferrocarril

7 Bahnnetz (n)
railway system, railroad system, network of railways
réseau (m) de chemins de fer

сѣть (f) желѣзныхъ дорогъ; желѣзнодорожная сѣть
rete (f) ferroviaria
red (f) de ferrocarriles

8 Hauptlinie (f)
main line, trunk line (A)
ligne (f) principale

главный путь (m); главная линія (f)
linea (f) principale
línea (f) principal

9 Nebenlinie (f)
secondary line
ligne (f) secondaire

боковая вѣтвь (f); второстепенный путь (m)
linea (f) secondaria
línea (f) secundaria

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Konkurrenzlinie (f)
competitive line
ligne (f) concurrente

конкурирующая линія (f)
linea (f) concorrente
linea (f) competidora
1

Linie (f) in gemeinsamem Besitze mehrerer Verwaltungen
joint railway
ligne (f) appartenant *ou* commune à différentes administrations

линія (f), принадлежащая нѣсколькимъ желѣзнодорожнымъ обществамъ
linea (f) esercitata da più società
linea (f) perteneciente á varias administraciones
2

Eisenbahnanschluß (m)
railway junction, junction
embranchement (m)

соединительная вѣтвь (f) желѣзнодорожнаго пути
raccordo (m) di ferrovia
unión (f) de ferrocarril, empalme (m)
3

Anschlußstrecke (f)
feeder line
tronçon (m) *ou* voie (f) d'embranchement

соединительная вѣтвь (f)
tronco (m) di raccordo
trozo (m) de unión ó de empalme
4

Zweigbahn(f), Anschlußbahn (f)
branch line, branch
bifurcation (f) *ou* raccordement (m)

вѣтвь (f) желѣзной дороги; желѣзнодорожная вѣтвь
ferrovia (f) di diramazione
via (f) lateral, ramal (m)
5

Verbindungsbahn (f)
connecting line, link, loop line
voie (f) de jonction (m) (entre gares)

соединительный путь (m); соединительная вѣтвь (f)
ferrovia (f) di comunicazione
[ferrocarril (m) de] empalme (m)
6

Sackbahn (f), Stichbahn (f), Flügelbahn (f)
branch terminal line, branch line to outlying terminus, spur (A)
voie (f) en cul-de-sac

дорога (f), кончающаяся тупикомъ
ferrovia (f) cieca
via (f) muerta, apartadero (m)
7

Fernbahn (f)
long distance railway, trunk line
grande ligne (f), ligne (f) transcontinentale, grande (adj) artère

транзитная линія (f); большая магистраль (f)
gran linea (f) ferroviaria
gran linea (f)
8

Überlandbahn (f)
interurban railway
ligne (f) directe interurbaine

междугородная электрическая дорога (f)
ferrovia (f) interurbana *o* suburbana *o* locale
ferrocarril (m) interurbano
9

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Ceremonial Dance of the Kachinas
Ceremonial Dance of the Kachinas
Ceremonial Dance of the Kachinas

Niveaubahn (f)
level railway, surface railway
chemin (m) de fer au niveau du sol

наземная желѣзная дорога (f); желѣзная дорога, проведённая въ уровнѣ земли
ferrovia (f) a livello del suolo
ferrocarril (m) al nivel del suelo
1

Tiefbahn (f)
underground *or* low-level railway
chemin (m) de fer souterrain

подземная желѣзная дорога (f)
ferrovia (f) sotterranea
ferrocarril (m) subterráneo
2

Hauptbahn (f), Vollbahn (f)
principal line, trunk (A)
ligne (f) importante, grande ligne

желѣзная дорога (f) первостепеннаго значенія; магистраль (f)
ferrovia (f) principale
via (f) ó ferrocarril (m) principal
3

Nebenbahn (f), [Sekundärbahn (f)]
secondary railway
chemin (m) de fer secondaire *ou* vicinal

второстепенный путь (m); желѣзная дорога (f) второстепеннаго значенія
ferrovia (f) secondaria
via (f) secundaria, ferrocarril (m) vecinal
4

Lokalbahn (f), [Tertiärbahn (f)]
local railway
chemin (m) de fer d'intérêt local

малая желѣзная дорога (f); мѣстная желѣзная дорога; подъѣздной путь (m)
ferrovia (f) economica
ferrocarril (m) local
5

Kleinbahn (f), Schmalspurbahn (f)
narrow gauge railway
voie (f) étroite

узкоколейная желѣзная дорога (f)
ferrovia (f) a scartamento ridotto
via (f) estrecha
6

Feldbahn (f)
portable *or* field railway
voie (f) portative

переносная желѣзная дорога (f)
ferrovia (f) portatile *o* da campagna
via (f) portátil
7

Förderbahn (f)
goods line, railway for goods traffic
chemin (m) de fer d'extraction (Belgique) *ou* de service

дорога (f) для перевозки тяжестей; [въ горномъ дѣлѣ:] дорога для откатки рудъ
ferrovia (f) di trasporto
via (f) de transporte
8

Privatanschlußbahn (f), Anschlußgleis (n), Gleisanschluß (m)
private sidings
[ligne (f) de] raccordement (m) privé[e]

частная вѣтвь (f) *или* вѣтка (f)
raccordo (m) privato *o* allacciamento (m) privato
linea (f) particular de empalme
9

Küstenbahn (f)
coast railway
ligne (f) côtière

побережная желѣзная дорога (f)
ferrovia (f) litoranea
ferrocarril (m) de litoral
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1 Hafenbahn (f)
harbour railway
chemin (m) de fer desservant un port

портовая желѣзная дорога (f)
ferrovia (f) al ervizio d'un porto
ferrocarril (m) para el servicio de un puerto

---

2 Werk- *oder* Industriebahn (f), Schleppbahn (f)
factory *or* works railway
voie (f) d'usine, voie (f) industrielle

заводская *или* промысловая желѣзная дорога (f)
ferrovia (f) d'officina *o* industriale
vía (f) de fábrica, ferrocarril (m) industrial

---

3 Grubenbahn (f)
mine railway
voie (f) de mine, chemin (m) de fer de mine

рудничная желѣзная дорога (f)
ferrovia (f) di miniera
vía (f) de mina, ferrocarril (m) minero

---

4 ein- (zwei-, mehr-) gleisige Bahn (f)
single-line (single track A) (double-line, multiple-line) railway
chemin (m) de fer à une (deux, plusieurs) voies

одно- (двух-, много-) -колейная желѣзная дорога (f)
ferrovia (f) ad uno (due, più) binari
ferrocarril (m) de una (dos, varias) vías

---

5 Reibungsbahn (f), [Adhäsionsbahn (f)]
adhesion railway
chemin de fer (m) à adhérence

дорога (f) для движенія локомотивовъ, сила тяги которыхъ является результатомъ сопротивленія тренія колёсъ о рельсы
ferrovia (f) ad aderenza
ferrocarril (m) de adherencia

---

6 Zahnb n (f), Zahnradbahn (f), Zahnstangenbahn (f)
rack railway
chemin (m) de fer à crémaillère

зубчатая желѣзная дорога (f); желѣзная дорога съ зубчаткой
ferrovia (f) a dentiera
ferrocarril (m) de cremallera

---

7 Bahn (f) gemischten Systems
combined adhesion and rack railway
système (m) combiné à crémaillière et à friction

желѣзная дорога (f) смѣшаннаго типа
sistema (m) misto a dentiera e ad aderenza
ferrocarril (m) de sistema mixto (de cremallera y de adherencia)

---

8 Seilbahn (f)
ropeway
[chemin (m) de fer] funiculaire (m)

канатная дорога (f)
ferrovia (f) funicolare
ferrocarril (m) funicular

Reibungsbahn (f) mit horizontalen Reibungsrädern, Fellsche Bahn (f) adhesion railway with horizontal friction wheels, Fell's system chemin (m) de fer à adhérence avec galets de friction horizontaux	дорога (f) съ среднимъ рельсомъ; дорога системы Фелля ferrovia (f) ad aderenza ferrocarril (m) de adherencia con ruedas de fricción horizontales	1
Dampfbahn (f) steam railway chemin (m) de fer à (traction à) vapeur	паровая желѣзная дорога (f) ferrovia (f) a vapore ferrocarril (m) de vapor	2
elektrische Bahn (f) electric railway chemin (m) de fer électrique	электрическая дорога (f) ferrovia (f) elettrica, elettrovia (f) ferrocarril (m) eléctrico	3
Straßenbahn (f) tramway, tram, street railway (A) tramway (m)	трамвай (m) tramvia (f), tramway (m) tranvia (m)	4
Straßenbahnnetz (n) tramway *or* street railway system réseau (m) de tramways	трамвайная сѣть (f) rete (f) della tramvia red (f) de tranvías	5
städtische Straßenbahn (f) urban tramway tramway (m) urbain,	городской трамвай (m) tramvia (f) cittadina o municipale tranvia (m) urbano	6
elektrische Straßenbahn (f) electric street railway tramway (m) électrique	электрическая городская желѣзная дорога (f) tramvia (f) elettrica tranvia (m) eléctrico	7
Dampfstraßenbahn (f) steam street railway, steam tramway tramway (m) à vapeur	паровой трамвай (m) tramvia (f) a vapore tranvia (m) de vapor	8
Straßenbahn (f) mit eigenem Bahnkörper street railway with special track tramway (m) sur une bande de terrain privée	трамвай (m) съ самостоятельнымъ *или* съ отдѣльнымъ полотномъ tramvia (f) in sede propria tranvia (m) con cuerpo de via propio	9

1 Pferdebahn (f)
horse tramway, horse car line (A)
tramway (m) à traction animale

конножелѣзная дорога (f); конка (f)
ferrovia (f) a cavalli
tranvía (m) de tracción animal

2 gleislose Bahn (f)
railless line
voie (f) sans rails

безрельсовая желѣзная дорога (f)
linea (f) senza rotaia
vía (f) sin carriles

3 Stufenbahn (f)
moving platforms
plate-forme (f) mobile, chemin (m) roulant

подвижныя площадки (f pl); подвижной тротуаръ (m)
piattaforma (f) mobile, ferrovia (f) rotante
plataforma (f) móvil

4 Ertrag[s]fähigkeit (f), Rentabilität (f)
productiveness, (yield)
rentabilité (f), rendement (m) financier, produit (m)

доходность (f)
produttività (f) finanziaria
rendimiento (m) financiero

5 Ertrag[s]berechnung (f), Rentabilitätsberechnung (f)
calculation of earning power
calcul (m) du rendement probable *ou* de la rentabilité

исчисленіе (n) доходности
calcolo (m) del reddito probabile *o* della rendita presumibile
calculo (m) del rendimiento probable *ó* de la productividad

6 Anlagekosten (pl)
initial cost, cost of construction and equipment
frais (m pl) de premier établissement

расходы (m pl) по сооруженію; стоимость (f) устройства
spese (f pl) d'impianto
gastos (m pl) de instalación

7 Anlagekapital (n)
capital
capital (m) [de premier établissement]

основной капиталъ (m)
capitale (m) di primo impianto
capital (m) de instalación

8 Baukosten (pl)
cost of construction
frais (m pl) de construction

расходы (m pl) по постройкѣ
spese (f pl) di costruzione
gastos (m pl) de construcción

9 Gleiskosten (pl)
cost of the permanent way
coût (m) de la voie

расходы (m pl) по устройству пути
costo (m) del binario
gastos (m pl) de la vía

10 Betrieb[s]kosten (pl)
operating *or* working expenses (pl)
dépenses (f pl) *ou* frais (m pl) d'exploitation

эксплоатаціонные расходы (m pl); расходы по эксплоатаціи; стоимость (f) эксплоатаціи
costo (m) di esercizio
gastos (m pl) de explotación

kilometrische Betrieb[s]-kosten (pl)
operating *or* working expenses (pl) per kilometer
frais (m pl) d'exploitation kilométriques *ou* dépenses (f pl) d'exploitation kilométriques

эксплоатаціонные расходы (m pl) на километръ; стоимость (f) эксплоатаціи одного километра
costo (m) di esercizio per chilometro
gastos (m pl) de explotación por kilómetro, gastos (m pl) kilométricos

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Zugförderungskosten (pl), Transportkosten (pl)
running expenses
frais (m pl) de traction, dépenses (f pl) de conduite des trains

стоимость (f) перевозки
costo (m) di trasporto *2*
gastos (m pl) de tracción

Unterhaltungskosten (pl), Bahnerhaltungskosten (pl)
cost of up-keep *or* maintenance
frais (m pl) d'entretien

стоимость (f) содержанія; расходы (m pl) по содержанію
spese (f pl) di manutenzione *3*
gastos (m pl) de entretenimiento

Verwaltungskosten (pl)
cost of management
frais (m pl) d'administration

расходы (m pl) по управленію; издержки (f pl) управленія
costo (m) d'esercizio *4*
gastos (m pl) de administración

Verkehrsgebiet (n)
district served by a railway
zone (f) de trafic, contrée (f) desservie

поясъ (m) движенія
zona (f) di traffico *5*
zona (f) de tráfico

Verkehrswege (m pl)
traffic routes
courant (m) *ou* sens (m) du trafic

пути (m pl) сообщенія
strade (f pl) *o* vie (f pl) di comunicazione *6*
vias (f pl) de comunicación

Verkehrsdichtigkeit (f)
density of traffic
importance (f) *ou* intensité (f) du trafic

плотность (f) *или* интенсивность (f) движенія
densità (f) del traffico *7*
intensidad (f) de tráfico

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größte Verkehrsdichtigkeit (f)
maximum density of traffic
grande (adj) intensité de trafic

пропускная способность (f)
massima intensità (f) di traffico *8*
intensidad (f) máxima de tráfico

Verkehrsgröße (f)
amount of traffic
importance (f) du trafic

размѣръ (m) движенія
importanza (f) del traffico *9*
importancia (f) del tráfico

Verkehrsbedürfnis (n)
traffic requirement
besoin (m) de trafic

потребность (f) въ сообщеніи
bisogno (m) di traffico *10*
necesidad (f) de tráfico

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1	Verkehrsmittel (n) means of communication moyen (m) de communication	средство (n) сообщенія mezzi (m pl) di trasporto medio (m) de comunicación
2	Personenverkehr (m) passenger traffic trafic (m) des voyageurs	пассажирское движеніе (n) traffico (m) [di] passeggieri tráfico (m) de viajeros
3	Güterverkehr (m) goods traffic, freight traffic (A) trafic (m) des marchandises	товарное движеніе (n) traffico (m) [di] merci tráfico (m) de mercancías
4	Gepäckverkehr (m) luggage traffic trafic (m) des colis	перевозка (f) багажа traffico (m) di colli *o* bagagli tráfico (m) de equipajes
5	Eilgutverkehr (m) fast goods traffic trafic (m) des marchandises en grande vitesse	перевозка (f) товаровъ большой скорости; движеніе (n) грузовъ большой скорости traffico (m) di merci a grande velocità tráfico (m) de mercancías en gran velocidad
6	Viehverkehr (m) cattle traffic transport (m) du bétail	перевозка (f) скота trasporto (m) bestiame transporto (m) de ganados
7	Ortverkehr (m) local traffic trafic (m) local	мѣстное сообщеніе (n) traffico (m) locale tráfico (m) local
8	Vorortverkehr (m) suburban traffic trafic (m) de banlieue	пригородное сообщеніе (n); дачное сообщеніе traffico (m) del circondario tráfico (m) interurbano *ó* de los suburbios
9	Vorortstrecke (f) suburban section *or* division tronçon (m) de banlieue	путь (m) пригороднаго сообщенія linea (f) di circondario línea (f) interurbana *ó* de los suburbios
10	Nahverkehr (m) short distance traffic trafic (m) à petite distance	мѣстное сообщеніе (n) traffico (m) a piccola distanza tráfico (m) á corta distancia
11	Durchgangsverkehr (m) through traffic trafic (m) en transit	транзитъ (m); сквозное *или* прямое сообщеніе (n) traffico (m) di transito tráfico (m) de tránsito
12	Übergangsverkehr (m) transit traffic trafic (m) en transit	транзитное движеніе (n) traffico (m) di transito tráfico (m) de tránsito

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Fernverkehr (m) long-distance traffic trafic (m) à grande distance	дальнее сообщеніе (n) traffico (m) a grande distanza tráfico (m) á gran distancia	1
Eisenbahntarif (m) railway tariff tarif (m) des chemins de fer	желѣзнодорожный тарифъ (m) tariffa (f) di ferrovia tarifa (f) de ferrocarriles	2
Eisenbahntarifwesen (n) railway tariff matters bases (f pl) des tarifs	желѣзнодорожные тарифы (m pl); нормировка (f) желѣзнодорожныхъ тарифовъ basi (f pl) di tariffa bases (f pl) de las tarifas	3
Eisenbahnverband (m), Eisenbahnkartell (n) railway union syndicat (m) *ou* réunion (f) de différentes lignes	синдикатъ (m) желѣзнодорожниковъ; синдикатъ желѣзнодорожныхъ обществъ sindicato (m) *o* riunione (f) di differenti linee sindicato (m) *ó* coligación (f) de varias lineas férreas	4
Eisenbahntruppen (f pl) railway service corps (Royal Engineers) régiment (m) des chemins de fer	желѣзнодорожные отряды (m pl); желѣзнодорожный батальонъ (m) truppe (f pl) di ferrovieri cuerpo (m) de empleados militares de ferrocarriles	5
Eisenbahnrechnungswesen (n) railway accounting matters comptabilité (f) d'établissement *ou* d'exploitation des chemins de fer	организація коммерческой и финансовой частей calcolo (m) di costruzione *o* di esercizio di differenti linee calculos (m pl) de construcción *ó* de explotación	6
Eisenbahnkasse (f) railway financial department service (m) financier d'un chemin de fer	финансовое отдѣленіе (n); главная касса (f) желѣзной дороги servizio (m) finanziario di una ferrovia servicio (m) financiero de un ferrocarril	7
Vorschriften **Rules and Regulations** **Règlements, prescriptions, instructions**	**Правила и предписанія** **Regolamenti, prescrizioni, istruzioni** **Reglamentos, instrucciones**	8
Eisenbahngesetz (n) railway law législation (f) des chemins de fer	желѣзнодорожное законодательство (n) legislazione (f) ferroviaria legislación (f) de los ferrocarriles	9

1	Eisenbahnvorschrift (f) railway regulation règlement (m) de service d'un chemin de fer	желѣзнодорожный уставъ (m) regolamento (m) *o* prescrizioni (f pl) d'una ferrovia reglamento (m) de ferrocarriles
2	Bestimmung (f), Reglement (n) rules règlement (m)	служебный уставъ (m) regolamento (m) reglamento (m)
3	Zusatzbestimmung (f) supplementary rules règlement (m) complémentaire, prescriptions (f pl) complémentaires	дополненія (n pl) къ уставу regolamento (m) complementare, prescrizioni (f pl) complementari reglamento (m) suplementario
4	Vereinbarungen (f pl) agreements conventions (f pl)	соглашенія (n pl); конвенцій (f pl) convenzioni (f pl) convenciones (f pl)
5	technische Vorschriften (f pl) technical specifications instructions (f pl) techniques	техническія условія (n pl) prescrizioni (f pl) tecniche prescripciones (f pl) técnicas
6	Bauvorschriften (f pl) building regulations instructions (f pl) *ou* prescriptions (f pl) relatives à la construction	техническія условія (n pl) по сооруженію желѣзныхъ дорогъ istruzioni (f pl) *o* prescrizioni (f pl) relative alla costruzione instrucciones (f pl) *ó* prescripciones (f pl) relativas á la construcción
7	technische Vereinbarungen (f pl) technical regulations *or* rules conventions (f pl) techniques	техническія соглашенія (n pl) convenzioni (f pl) tecniche convenciones (f pl) técnicas
8	technische Einheit (f) im Eisenbahnwesen technical standards in railway matters unité (f) technique adoptée dans les chemins de fer	техническая единица (f) желѣзнодорожнаго дѣла unità (f) tecnica in materia ferroviaria unidad (f) técnica adoptada en los ferrocarriles
9	Betrieb[s]vorschriften (f pl) working *or* service regulations règlement (m) *ou* règles (f pl) *ou* prescriptions (f pl) d'exploitation	уставъ (m) службы движенія regolamento (m) di servizio *o* di esercizio reglamento (m) de explotación

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Betrieb[s]ordnung (f)
working order
règlement (m) de service *ou* d'exploitation

уставъ (m) о порядкѣ эксплоатаціи
regolamento (m) di servizio *o* di ersercizio
reglamento (m) del servicio de explotación
1

Verkehrsvorschriften (f pl)
traffic regulations
prescriptions (f pl) pour le trafic

правила (n pl) перевозки
prescrizioni (f pl) pel traffico
prescripciones (f pl) para el servicio del tráfico
2

Verkehrsordnung (f)
order of traffic
règlement (m) du trafic

порядокъ (m) перевозки
regolamento (m) del traffico
reglamento (m) para el servicio del tráfico
3

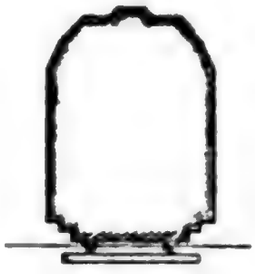
Vorschriften (f pl) über zollsichere Einrichtung der Eisenbahnwagen
specification for sealing arrangements of railway wagons
instructions (f pl) *ou* prescriptions (f pl) relatives à la protection des wagons contre les fraudeurs

правила (n pl) о затворѣ товарныхъ вагоновъ при безперегрузочномъ проходѣ границы
istruzioni (f pl) *o* prescrizioni (f pl) relative alla protezione di carri contro le frodi
instrucciones (f pl) *ó* prescripciones (f pl) relativas á la protección de los vagones contra los defraudadores
4

Umgrenzung (f) des lichten Raumes
maximum moving dimensions (pl)
gabari[t] (m) de libre passage *ou* des ouvrages d'art

габаритъ (m) строеній
sagoma (f) limite, profilo (m) dello spazio libero
gálibo (m) límite [para la construcción] de la vía
5

Umgrenzung (f) der festen Teile
minimum fixed structure
profil (m) *ou* gabari[t] (m) limite de chargement



габаритъ (m) подвижного состава
profilo (m) normale del materiale mobile
perfil (m) *ó* gálibo (m) límite del material móvil
6

II.

Vorarbeiten und Vorbereitung der Bauausführung

Подготовительныя работы и приготовленія къ работамъ по сооруженію

Building Preparations

Lavori preliminari alla costruzione *o* estudi preparatori

Travaux préliminaires à la construction, travaux et études préparatoires

Trabajos y estudios preliminares à la construcción

Allgemeines

Вообще

1 **Generalities**

Considerazioni generali, generalità

Considérations générales

Parte general

Vorkonzession (f)
2 preliminary concession *or* franchise (A)
concession (f) préalable

предварительная концессія (f)
concessione (f) provisoria
concesión (f) previa *ó* provisional

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allgemeine *oder* generelle Vorarbeiten (f pl)
general preparations
3 études (f pl) générales *ou* travaux (m pl, généraux préliminaires *ou* préparatoires

общія подготовительныя работы (f pl) и соображенія; [предварительныя изысканія (n pl)]
studi (m pl) generali *o* lavori (m pl) preliminari e preparatorii
estudios (m pl) generales *ó* trabajos (m pl) generales previos *ó* preliminares *ó* preparatorios

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wirtschaftliche *oder* kommerzielle Vorarbeiten (f pl)
preliminary economic
4 [commercial] considerations (pl)
études (f pl) préliminaires *ou* considérations (f pl) économiques

экономическія предварительныя работы (f pl); экономическія изысканія (n pl)
studi (m pl) preliminari economici
estudios (m pl) económicos preliminares

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technische Vorarbeiten (f pl)
engineering preliminaries
travaux (m pl) *ou* études (f pl) préliminaires techniques

технические предварительныя работы (f pl); техническія изысканія (n pl)
progetti (m pl) preliminari *o* studi (m pl) tecnici
estudios (m pl) técnicos preliminares — *1*

Kostenüberschlag (m)
estimate of costs
devis (m) estimatif

составленіе (n) предварительной смѣты; [исчисленіе (n) приблизительной стоимости]
preventivo (m) di stima
presupuesto (m) *ó* evaluación (f) de gastos — *2*

Bauwürdigkeit (f) (einer Linie)
probable productiveness (of the line)
exploitabilité (f) d'une ligne

доходность (f) желѣзной дороги
produttività (f) *o* prodotto (m) probabile d'una linea
probabilidad (f) del rendimiento financiero de una linea — *3*

Verkehrsermittlung (f)
determination of traffic
évaluation (f) du trafic probable

соображенія (n pl) о размѣрѣ ожидаемаго движенія
valutazione (f) del traffico probabile *o* traffico (m) presumibile od eventuale
evaluación (f) del tráfico probable — *4*

Gelände (n)
ground
terrains (m pl) traversés par *ou* servant à l'établissement de la ligne

мѣстность (f)
terreni (m pl) attraversati *o* da servire alla costruzione della linea
terrenos (m pl) atravesados por *ó* destinados al establecimiento de la linea — *5*

Geländebeschaffenheit (f)
nature of ground
nature (f) des terrains *ou* du terrain

характеръ (m) мѣстности
natura (f) dei terreni *o* del terreno
naturaleza (f) del terreno — *6*

Flachland (n)
flat country *or* ground
pays (m) plat, terrain (m) uni

ровная мѣстность (f)
paese (m) piano, regione (f) piana, terreno (m) piano
terreno (m) llano — *7*

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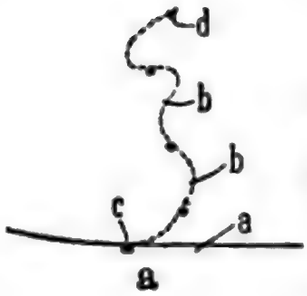
welliges Gelände (n)
undulating ground
terrain (m) ondulé

волнистая мѣстность (f)
terreno (m) ondulato
terreno (m) ondulado — *8*

Hügelland (n), hügeliges Gelände (n)
hilly ground
terrain (m) accidenté

холмистая мѣстность (f)
terreno (m) accidentato
terreno (m) cerril *ó* quebrado — *9*

1	Gebirge (n) mountains (pl) massif (m) de montagnes	горы (f pl) monti (m pl), catena (f) di monti montaña (f), terreno (m) montañoso
2	Bahnlinie (f), Bahntrasse (f) line, track ligne (f), voie (f)	направленіе (n) линіи *или* пути linea (f) ferroviaria linea (f), via (f)
3	freie Strecke (f) open line, clear line pleine voie (f)	перегонъ (m) [между станціями] tratto (m) libero tra stazioni via (f) entre las estaciones
4	Ausgangspunkt (m) *oder* Ursprung (m) der Bahn point of commencement of the railway origine (f) de la voie, point (m) de départ de la voie *ou* de la ligne	исходный пунктъ (m) дороги origine (f) della linea, punto (m) di partenza della linea origen (m) de la via
5	Endpunkt (m) der Bahn end of railway, termination of railway point (m) terminus de la voie *ou* de la ligne	конечный пунктъ (m) дороги termine (m) della linea final (m) de la via
6	Hinterland (n) back-country, interior (of country) hinterland (m)	Мѣстность (f), тяготѣющая къ желѣзной дорогѣ zona (f) *o* circoscrizione (f) interior (m) de un pais
7	Vergleichslinie (f), Variante (f) comparison line variante (f) [du projet primitif]	варіантъ (m) variante (f) al progetto originario variante (m) del proyecto primitivo
8	Flachbahn (f) line with flat gradients voie (f) à faibles inclinaisons	равнинная дорога (f) ferrovia di pianura via (f) de pendientes pequeñas
9	Steilbahn (f) line with steep gradients voie (f) à fortes rampes	дорога (f) съ крутыми подъёмами ferrovia (f) a forte pendenza *o* fortemente inclinata via (f) de fuertes pendientes *ó* de pronunciadas pendientes



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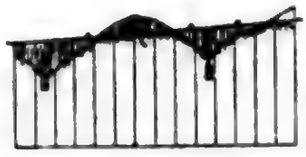
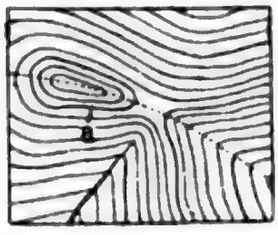
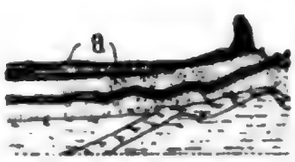
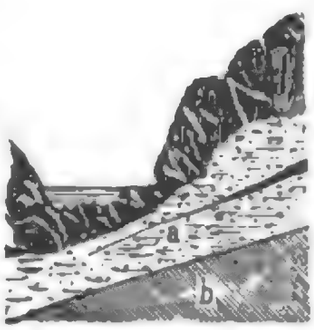
Bergbahn (f) mountain railway ligne (f) de montagne		горная дорога (f) ferrovia (f) di montagna via (f) de montaña	1
dem Gelände angeschmiegte Linie (f) surface line ligne (f) adaptée au terrain		линія (f), придерживающаяся уклоновъ мѣстности linea (f) seguente il terreno *o* la campagna linea (f) adaptada al terreno	2
Lageplan (m) general plan tracé (m) général, plan (m) d'ensemble		планъ (m) общаго расположенія tracciato (m) generale, piano (m) generale, planimetria (f) trazado (m) general, plano (m) de conjunto *ó* topográfico	3
Höhenplan (m) elevation profil (m) en long		продольная профиль (f) profilo (m) longitudinale perfil (m) longitudinal	4
Schichtenplan (m) horizontal map of heights plan (m) avec lignes de niveau		планъ (m) въ горизонталяхъ piano (m) quotato *od* a linee di livello-piano a curve plano (m) con rasantes	5
Schicht[en]linie (f), Höhenlinie (f), Horizontalkurve (f), Niveaukurve (f) countour courbe (f) de niveau	a	горизонталь (f) curva (f) di livello curva (f) de nivel	6
Baukonzession (f) building concession *or* franchise (A) concession (f) définitive		концессія (f) на постройку concessione (f) definitiva concesión (f) definitiva	7
Baukapital (n) capital for construction capital (m) de construction		строительный капиталъ; капиталъ (m) на постройку capitale (m) *o* fondo (m) di costruzione capital (m) de construcción	8
Bauzinsen (m pl) interests during construction intérêts (m pl) intercalaires *ou* à payer pendant la construction		проценты (m pl) на строительный капиталъ; ростъ (m) строительнаго капитала interessi (m pl) durante la costruzione intereses (m pl) á pagar durante la construcción	9

1	besondere *oder* ausführliche Vorarbeiten (f pl), Detailprojekt (n) detailed scheme, special preparations études (f pl) des détails *ou* détaillées, projet (m) détaillé, programme (m) d'exécution	детальный *или* исполнительный проектъ (m) studi (m pl) di dettaglio *o* dettagliati, progetto (m) dettagliato, programma (m) di esecuzione *o* di lavoro estudios (m pl) de los detalles *ó* detallados, proyecto (m) detallado, programa (m) de ejecución
2	Planentwurf (m), Trassierungsplan (m) preliminary survey, location of line projet (m) sur la carte	предварительный выборъ (m) направленія на картѣ progetto (m) preliminare sulla carta topografica proyecto (m) sobre el plano
3	Erläuterungsbericht (m) report to tender notice (f) explicative, rapport (m) concernant l'établissement *ou* la construction	пояснительная записка (f) notizia (f) esplicativa, rapporto (m) concernente l'impianto *o* la costruzione memoria (f) explicativa
4	Kostenanschlag (m), Voranschlag (m), Bauanschlag (m) estimate of costs of construction devis (m)	смѣта (f) preventivo (m) presupuesto (m)
5	landespolizeiliche Prüfung (f) examination by the authority examen (m) par les autorités	разсмотрѣніе (n) проекта надлежащими административными учрежденіями esame (m) delle autorità examen (m) por las autoridades
6	Vorentwurf (m), Vorprojekt (n), vorläufig festgestellter Plan (m) preliminary scheme avant-projet (m)	предварительный проектъ (m); общій проектъ progetto (m) di massima anteproyecto (m)
7	endgültiger Entwurf (m) definite scheme projet (m) définitif	окончательный проектъ (m) progetto (m) definitivo proyecto (m) definitivo
8	Wegeanlagen (f pl) ways routes (f pl) *ou* chemins (m pl) d'accès *ou* de croisement	устройство (n) и отводъ дорогъ vie (f pl) *o* strade (f pl) d'accesso *o* di incrocio vias (f pl) *ó* caminos (m pl) de acceso *ó* de cruzamiento

Vorflutanlagen (f pl) draining plants assèchement (m) *ou* drainage (m) [de la plate-forme etc.]		отводъ воды prosciugamento (m), aggottamento (m) desecación (f) *ó* drenaje (m) [de la plataforma de la via]	1
Kunstbau (m) constructive works (pl) ouvrage (m) d'art		искусственное сооруженіе (n) opere (f pl) d'arte, manufatti (m pl) obras (f) de fábrica	2
geologische Untersuchung (f) geological examination recherches (f pl) géologiques, examen (m) au point de vue géologique		геологическія изысканія (n pl); буреніе (n) ricerche (f pl) geologiche, esame (m) geologico examen (m) geológico	3
Bodenuntersuchung (f) taking borings, trial boring sondage (m) du terrain		изслѣдованіе (n) почвы; геологическія изысканія (n pl) assaggio (m) di terreno sondaje (m) del terreno	4
Bodenbeschaffenheit (f) nature of ground *or* soil nature (f) du sol		родъ (m) грунта; свойство (n) грунта; качества (n pl) грунта natura (f) del terreno naturaleza (f) del terreno	5
Untergrund (m) sub-stratum, sub-soil sous-sol (m)		подпочва (f) sottosuolo (m) subsuelo (m)	6
Schicht (f), Bodenschicht (f) layer, stratum couche (f) de terrain	a	слой (m) грунта strato (m) di terra capa (f) del terreno	7
wasserführende Schicht (f) water-bearing stratum couche (f) aquifère		водоносный слой (m) strato (m) acquifero capa (f) acuifera	8
undurchlässige Schicht (f) impervious *or* impermeable stratum couche (f) imperméable	a b	непроницаемый слой (m) strato (m) impermeabile capa (f) impermeable	9
weicher Untergrund (m) soft sub-soil sous-sol (m) peu résistant		мягкая подпочва (f) sottosuolo (m) molle subsuelo (m) flojo	10

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1	harter Untergrund (m) hard subsoil sous-sol (m) compact *ou* dur	твёрдая подпочва (f) sottosuolo (m) compatto *o* duro subsuelo (m) compacto *ó* duro
2	Moorboden (m), Torfboden (m) boggy *or* marshy ground sol (m) *ou* terrain (m) marécageux *ou* tourbeux	торфяная почва (f); торфянистый грунтъ (m) terreno (m) paludoso terreno (m) fangoso *ó* cenagoso
3	Schlamm (m) mud, slime boue (f)	илъ (m); fango (m) barro (m), fango (m), lodo (m)
4	Sumpfboden (m) marshy ground terrain (m) *ou* sol (m) marécageux	болотистая почва (f); болотистый грунтъ (m) terreno (m) *o* suolo (m) palustre terreno (m) *ó* suelo (m) pantanoso
5	toniger Untergrund (m), Tonboden (m) loamy sub-soil sous-sol (m) argileux	глинистая подпочва (f) sottosuolo (m) argilloso subsuelo (m) arcilloso
6	Lehmboden (m) loamy soil sol (m) argileux	глинистая почва (f) terreno (m) argilloso suelo (m) arcilloso *ó* barroso
7	gewachsener Boden (m) natural *or* overgrown soil, bush, vegetable mould sol (m) *ou* terrain (m) [à végétation] vierge	материкъ (m); нетронутый грунтъ (m) terreno (m) vergine terreno (m) virgen
8	Felsboden (m) rocky ground sol (m) rocheux	скалистый грунтъ (m) terreno (m) roccioso suelo (m) de roca
9	Schuttkegel (m), Mure (f) heap of boulders *or* large stones cône (m) de déjection	горный обвалъ (m); конусъ (m) разрушенныхъ горныхъ породъ cono (m) di deiezione cono (m) de deyección
10	Schürfloch (n) prospect-hole *or* shaft [trou (m) de] sondage (m) de recherche	буровая скважина (f) для развѣдки буреніемъ foro (m) di assaggio *o* di ricerche [agujero (m) de] sondaje (m)
11	Probegrube (f) prospect pit excavation (f) de recherche	пробный шурфъ (m) scavo (m) per ricerche *o* d'assaggio excavación (f) de examen

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Bohrprobe (f)
ground test pieces
échantillon (m) de forage *ou* sondage, carotte (f)

проба (f) отъ развѣдки грунта бурѣніемъ
campione (m) di foratura *od* esame
prueba (f) *ó* muestra (f) de perforación *ó* de sondaje
1

Bohrplan (m)
prospecting scheme
plan (m) des sondages

планъ (m) буренія
piano (m) di assaggio
plano (m) de sondajes
2

Linienführung und Geländeaufnahme

Surveying and Laying out the Line

Tracé de la ligne et levé du terrain

Трассировка линіи и съёмка мѣстности

Tracciato della linea e rilievo del terreno *3*

Trazado de la línea y levantamiento del plano del terreno

Linienführung (f), Trassierung (f)
laying out a line
tracé (m) de la ligne

разбивка (f) *или* провѣшиваніе (n) линіи; трассировка (f)
tracciato (m) della linea
trazado (m) de la linea
4

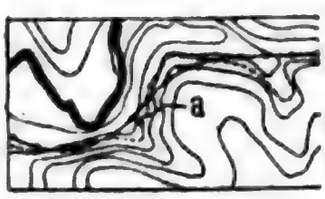
Talübergang (m)
valley crossing
traversée (f) d'une vallée

пересѣченіе (n) долины; переходъ (m) черезъ долину
passaggio (m) d'una vallata
paso (m) *ó* cruce (m) de un valle
5

Gebirgsübergang (m)
mountain crossing
traversée (f) d'une montagne

переходъ (m) черезъ горный хребетъ (m); перевалъ (m)
passaggio (m) d'una catena (f) di monti
paso (m) de una montaña
6

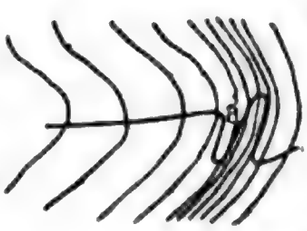
Nullinie (f), Leitlinie (f)
directrix
ligne (f) de base *ou* de moindres pentes



a

нулевая линія (f); ведущая линія
linea (f) di base
directriz (f), linea (f) de base
7

Längenentwicklung (f), Auslängung (f) der Linie
longitudinal development of the line
développement (m) en longueur



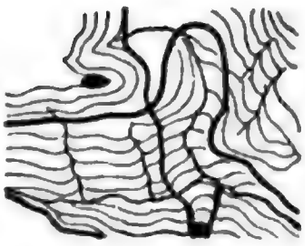
развитіе (n) длины; развитіе линіи въ косогорѣ
sviluppo (m) in lunghezza
desarrollo (m) longitudinal
8

Entwicklungskurve (f)
curve of development
courbe (f) de développement

a

кривая (f) для развитія длины линіи
curva (f) di sviluppo
curva (f) de desarrollo
9

1 Ausfahren (n) eines Seitentales
carrying (a line) round a side valley
utilisation (f) d'une vallée latérale [pour le développement d'une ligne]



заѣздъ (m) въ боковую долину; [использованіе (n) боковой долины для развитія линіи]
percorso (m) di una vallata laterale per lo sviluppo d'una linea
utilización (f) de un valle lateral para el desarrollo de una línea

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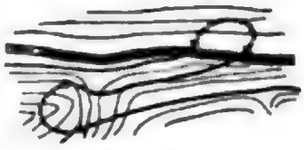
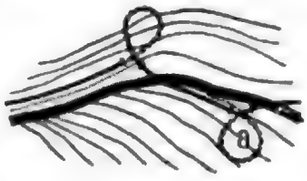
2 Schleife (f)
horse-shoe curve
lacet (m)



петля(f) [не сомкнутая]; двойной поворотъ (m)
risvolto (m)
lazo (m) abierto

---

3 Schlinge (f)
loop
boucle (f)



петля (f) [замкнутая]
elica (f), percorso (m) *o* tracciato (m) elicoidale
lazo (m) cerrado

---

4 Kehrtunnel (m)
loop tunnel
tunnel (m) de rebroussement *ou* en spirale

a

петля (f) въ тоннели; поворотный туннель (m)
galleria (f) elicoidale
túnel (m) espiral

---

5 Kehre (f)
reversing loop, terminal loop
ligne (f) en raquette
retour (m) *ou* tournage (m) *ou* circuit (m) à rebroussement

петля (f) возвратная
girone (m)
retorno (m)

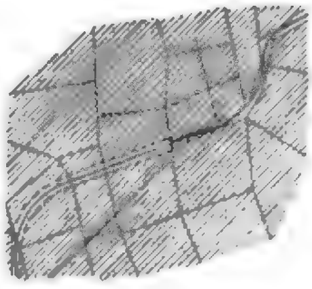
---

6 Spitzkehre (f)
zigzag, back shunt
rebroussement (m)

тупикъ (m)
regresso (m)
retorno (m) brusco, retroceso (m)

---

7 Durchschneidung (f) eines Grundstückes
crossing *or* passing through *or* traversing a property
traversée (f) d'une pièce de terre *ou* d'un terrain



пересѣченіе (n) участка земли
attraversamento (m) d'un fondo
cruce (m) de una parcela de terreno

---

8 Umgehung (f) [einer Ortschaft, eines Grundstückes]
passing round *or* avoiding [a district *or* a property]
contournement (m) *ou* évitement (m) [d'une localité *ou* d'un terrain]

обходъ (m) (мѣстности, участка земли)
girare (m) *o* contornare (m) una località
rodeo (m) de una localidad *ó* de un terreno

Verlegung (f) eines Weges, eines Wasserlaufes
diversion of a road [of a stream]
déviation (f) d'un chemin *ou* d'un cours d'eau

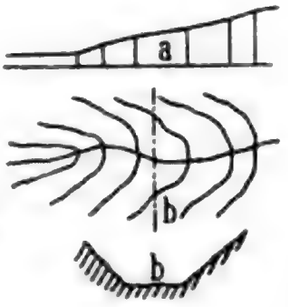
отводъ (m) дороги; отводъ рѣки
spostamento (m) d'una via, d'un corso d'acqua
desplazamiento (m) *ó* desviación (f) de un camino *ó* de una corriente

1

Längennivellement (n)
levelling along the line
nivellement (m) en longueur

продольная нивеллировка (f)
livellazione (f) longitutinale
nivelación (f) longitudinal

2



Längenschnitt (m), Längenprofil (n)
longitudinal section
profil (m) longitudinal *ou* en long

продольный профиль (m); продольная профиль (f)
profilo (m) longitudinale
perfil (m) longitudinal

3

Querprofil (n)
cross-section *or* transverse section
profil (m) transversal *ou* en travers

поперечный профиль (m); поперечная профиль (f)
sezione (f) trasversale
perfil (m) transversal

4

Profil (n) mit Querneigung
section on side-lying ground
profil (m) avec déclivités

профиль (m) съ поперечнымъ уклономъ; косогорная профиль; [профиль на косогорѣ]
sezione (f) trasversale su declivio
perfil (m) con talud transversal

5

Regelquerschnitt (m), Normalquerschnitt(m)
standard section
profil (m) normal, section (f) normale

нормальный профиль (m); нормальное поперечное сѣченіе (n)
profilo (m), sezione (f) normale
perfil (m) *ó* sección (f) normal

6

Vermessungsarbeiten (f pl)
survey
travaux (m pl) de mesurage

размежеваніе (n); землемѣрная съёмка (f)
operazioni (f pl) topografiche
trabajos (m pl) de agrimensura

7

Geländeaufnahme (f)
survey of land
levé (m) du terrain

съёмка (f) мѣстности
rilievo (m) del terreno
levantamiento (m) del plano de un terreno

8

Festpunkt (m), Fixpunkt (m)
point of reference, fixed datum *or* bench mark
point (m) fixe, repère (m) fixe

постоянная *или* повѣрочная точка (f); реперъ (m)
punto (m) fisso, caposaldo (m)
punto (m) fijo *ó* de referencia

9

Kote (f), Höhenkote (f), Höhenzahl (f)
1 counter line, height above datum
cote (f)

отмѣтка (f)
quota (f)
cota (f)

Meereshöhe (f), Höhe (f) über Normal-Null
2 altitude, height above sea level *or* datum
altitude (f)

высота (f) надъ уровнемъ моря; абсолютная высота
altezza (f) sul livello del mare *o* altimetrica
altura (f) *ó* altitud (f) [sobre el nivel del mar], cota (f) [negra]

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barometrische Höhenmessung (f)
3 levelling by means of barometer
mesure (f) barométrique des hauteurs

барометрическая съёмка (f); барометрическое нивеллированіе (n)
misurazione (f) altimetrica col barometro
medición (f) barométrica de alturas

Meßgerät (n)
surveying instruments (pl)
4 instruments (m pl) de mesure

приборы (m pl) *или* инструменты (m pl) для съёмки
istrumento (m) di misura
instrumentos (m pl) de medida

Vieleckzug (m), Polygonzug (m)
5 polygonal trace
réseau (m) polygonal *ou* de polygones

многоугольникъ (m)
rete (f) poligonale *o* di poligono
red (f) poligonal

Längenmessung (f)
measurement of length
6 *or* distance
détermination (f) *ou* mesure (f) des longueurs

измѣреніе (n) длины *или* разстояній
longimetria (f)
medición (f) de longitudes

Horizontalaufnahme (f)
7 levelling
levé (m) horizontal

горизонтальная съёмка (f)
rilievo (m) in piano
proyección (f) icnográfica

Photogrammetrie (f)
photographic surveying, metro-photography
8 photogrammétrie (f)

фотографическая съёмка (f); [фотограмметрія (f)]
fotogrammetria (f)
fotogrametría (f)

Absteckung (f) der Linie
setting out *or* pegging
9 out the line
jalonnement (m) *ou* piquetage (m) de la ligne

разбивка (f) *или* провѣшиваніе (n) линіи
palinare (v) *o* pichettare (v) una linea
[acción (f) de] jalonear (v) la linea

---

die Linie abstecken (v) *oder* auspflocken (v)
10 to set out *or* to peg out the line
jalonner (v) *ou* piqueter (v) la ligne

разбивать *или* провѣшивать линію
palinare (v) la linea
jalonear (v) la linea

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Flächenermittlung (f) computation *or* calculation of areas détermination (f) *ou* calcul (m) des aires	вычисленіе (n) площадей determinazione (f) *o* calcolo delle aree cálculo (m) de las áreas transversales del movimiento de tierras	1
Flächennivellement (n) levelling of surfaces représentation (f) graphique des surfaces, épure (f) des aires, profil (m) des masses	эпюра (f) площадей; нивеллировка (f) площадей grafico (m) delle superfici, traccia (f) delle aree, profilo (m) delle masse representación (f) gráfica de las superficies, perfil (m) de las masas	2
Flächenprofil (n) section showing areas diagramme (m) *ou* profil (m) des aires	профиль (f) площадей diagramma (m) delle aree perfil (m) de las áreas	3
Massenermittlung (f) taking out quantities cubage (m) des terrassements (sur le diagramme)	вычисленіе (n) *или* исчисленіе (n) объёма насыпей; опредѣленіе (n) кубатуры земляныхъ работъ computo (m) metrico dei movimenti di terra cubicación (f) del movimiento de tierras	4
Massennivellement (n) levelling for determination of earth quantities épure (f) du mouvement des terres	эпюра (f) распредѣленія [возки] земляныхъ массъ computo (m) grafico dei movimenti di terra gráfico (m) del movimiento de tierras	5
Massenprofil (n) section of earthworks profil (m) des terrassements	профиль (m) распредѣленія массъ [насыпей и выемокъ] profilo (m) delle masse perfil (m) del movimiento de tierras	6
Massenausgleich (m) equalisation of banks and cuttings compensation (f) des terrassements	распредѣленіе (n) земляныхъ массъ bilancio (m) *o* equivalenza (f) delle masse compensación (f) del movimiento de tierras	7
virtuelle Länge (f) virtual length longueur (f) virtuelle	виртуальная длина (f) lunghezza (f) virtuale longitud (f) virtual	8
Flächenmaßstab (m) surface scale échelle (f) des aires	масштабъ (m) площадей scala (f) delle aree escala (f) de las áreas	9
Massenmaßstab (m) scale of earth quantities échelle (f) des masses	масштабъ (m) [земляныхъ] массъ scala (f) delle masse escala (f) de las masas	10

1 Massenverteilung (f)
distribution of earth quantities
repartition (f) des masses calcul (m) *ou* épure (f) du transport des terres

распредѣленіе (n) [земляныхъ] массъ
suddivisione (f) delle masse *o* calcolo (m) *o* diagramma (m) del trasporto delle terre
reparto (m) de las masas *ó* calculo (m) del transporte de las tierras

2 Massenbewegung (f)
movement of earth masses
transport (m) des masses *ou* des terres

перемѣщеніе (n) [земляныхъ массъ
trasporto (m) delle masse *o* delle terre
transporte (m) de las masas *ó* de las tierras

3 mittlere Beförderungsweite (f) *oder* Transportentfernung (f)
mean lead
distance (f) moyenne de transport

среднее разстояніе (n) возки
distanza (f) media del trasporto
distancia (f) media de transporte

4 **Neigungs- und Krümmungsverhältnisse**
Gradients and Curves
Conditions de déclivité et de courbure

Уклоны и закругленія
Condizioni di pendenze e curve
Relaciones de declive y de curvatura

5 Neigung (f)
gradient, incline, grade (A)
déclivité (f), inclinaison (f), pente (f)

подъёмъ (m); скатъ (m); уклонъ (m)
pendenza (f), declività (f), inclinazione (f)
declive (m), inclinación (f), rasante (f), pendiente (f)

6 geneigte Strecke (f), Rampe (f)
incline
[section (f) en] rampe (f)

a

наклонная линія (f)
rampa (f), livelletta (f)
vía (f) inclinada, rampa (f)

7 Neigungswinkel (m)
angle of gradient
angle (m) de déclivité

α

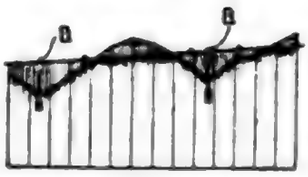
уголъ (m) наклона
angolo (m) d'inclinazione
ángulo (m) de inclinación

8 Neigungsverhältnis (n)
gradient [1 in n]
rapport (m) de déclivité

$tg\ \alpha$

уклонъ (m)
rapporto (m) d'inclinazione
relación (f) de inclinación

9 Neigungslinie (f), Gradiente (f)
gradient
pente (f) moyenne



средній скатъ (m)
pendenza (f) media
pendiente (f) media

a

Ruhewinkel (m) der Fahrzeuge angle of rest of vehicles pente (f) d'équilibre des véhicules		уголъ (m) покоя повозокъ pendenza (f) d'equilibrio dei veicoli ángulo (m) de reposo de los vehiculos	1
Steigung (f) up-grade, rise rampe (f), montée (f)		подъёмъ (m) salita (f) rampa (f), subida (f), ascenso (m)	2
Gefälle (n) down-grade, fall pente (f), descente (f)		скатъ (m) pendenza (f), discesa (f) pendiente (f), bajada (f), descenso (m)	3
ebene *oder* wagerechte Strecke (f) level length section (f) horizontale *ou* en palier		площадка (f) tratta (m) orizzontale sección (f) *ó* trayecto (m) horizontal	4
ansteigende (absteigende) Strecke (f), Gefällstrecke (f) uphill (downhill) length section (f) montante (descendante)		подъёмъ (m); спускъ (m) tratto (m) in salita (in discesa) sección (f) ascendente (descendente)	5
prozentuale Steigung (f) percentage inclination rampe (f) en millimètres par mètre (‰)		процентный подъёмъ (m) percentuale (m) di salita rampa (f) en milímetros por metro	6
maßgebende Steigung (f) ruling gradient (grade A.) rampe (f) maxima admissible	$tg\ \alpha = m$	предѣльный *или* условный подъёмъ (m); подъёмъ, по которому расчитывается составъ поѣздовъ pendenza (f) massima [d'una linea] pendiente (f) máxima admisible	7
Anlaufsteigung (f) gradient steeper than the ruling gradient montée (f) franchissable par élan	$tg\ \alpha > m$	подъёмъ (m), преодолѣваемый съ разбѣга pendenza (f) superabile per forza viva pendiente(f) franqueable por impulso *ó* por la fuerza viva del tren	8
Anlauframpe (f) ramp with a gradient steeper than the ruling gradient rampe (f) franchissable par élan		подъёмъ (m), преодолѣваемый съ разбѣга rampa (f) superata per forza viva rampa (f) franqueable por impulso *ó* por la fuerza viva del tren	9

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1 Grenzneigung (f), Neigungsgrenze (f)
limiting gradient, maximum gradient, limit of adhesion
inclinaison (f) limite pour la traction par adhérence

предѣльный уклонъ (m)
pendenza (f) limite
pendiente (f) limite de adherencia

---

2 unschädliche Steigung (f)
easy gradient
déclivité (f) n'exigeant pas de freinage

безвредный подъёмъ (m)
pendenza (f) non nociva, pendenza (f) equilibrante le resistenze
declive (m) *ó* pendiente (f) que no exige frenado

---

3 schädliche Steigung (f)
excessive gradient
déclivité (f) exigeant un freinage

вредный подъёмъ (m)
pendenza (f) nociva, pendenza (f) superante le resistenze
declive (m) *ó* pendiente (f) que exige frenado

---

4 verlorenes Gefälle (n), (verlorene Steigung (f))
loss in level
pente (f) perdue, (rampe (f) perdue)

a

безполезный спускъ (m) *или* подъёмъ (m); [потерянный уклонъ (m)]
dislivello (m) *o* salto (m) perduto
pendiente (f) *ó* rampa (f) perdida

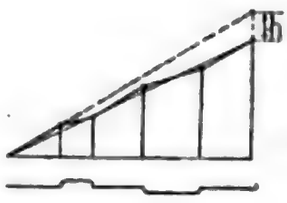
---

5 Bremsgrenzneigung (f)
maximum braking gradient, steepest gradient which can be descended with the aid of brakes
déclivité (f) limite de freinage

предѣльный уклонъ (m) тормаженія
pendenza (f) limite di frenatura
pendiente (f) limite de frenado

---

6 Steigungsermäßigung (f) in Krümmungen
compensation for curvature, reduction of gradient on curves
réduction (f) de la déclivité dans les courbes



уменьшеніе (n) подъёма на закругленіяхъ
riduzione (f) della pendenza *o* declività nelle curve
reducción (f) de la pendiente en las curvas

---

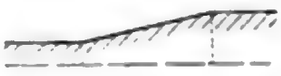
7 Widerstandhöhe (f)
loss in gradient due to curves
hauteur (f) équivalente de résistance

h

высота (f) сопротивленій
altezza (f) equivalente delle resistenze
altura (f) equivalente á la resistencia *ó* al esfuerzo resistente

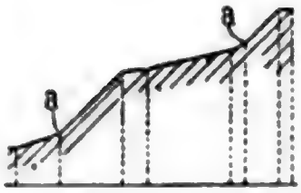
---

8 stetige Steigung (f)
steady gradient
déclivité (f) constante



сплошной подъёмъ (m)
livelletta (f) *o* pendenza (f) costante
pendiente (f) constante *ó* uniforme

wechselnde Steigung (f)
changing *or* variable gradient
déclivité (f) variable



подъёмъ (m) съ переломами; подраздѣлённый подъёмъ
livelletta (f) variabile
pendiente (f) variable

1

Neigungswechsel (m), Gefällbruch (m)
change of gradient
variation (f) de déclivité, changement (m) de déclivité

переломъ (m) уклона
cambiamento (m) di livelletta
variación (f) *ó* cambio (m) de declive *ó* de pendiente

2

Wechselpunkt (m), Gefällbrechpunkt (m)
point of change of gradient
point (m) de changement de déclivité, point (m) de passage des pente et rampe

a

точка (f) перелома
punto (m) di cambiamento di livelletta
punto (m) de cambio de pendiente, origen (m) de pendiente

3

Abrundung (f) des Neigungswechsels
vertical curvature, rounding off the change of gradient, easing off the change of gradient
adoucissement (m) *ou* arrondi (m) du changement de déclivité

сопряженіе (n) разноименныхъ уклоновъ по дугѣ круга
raccordo (m) fra le livellette
redondeado (m) del cambio de pendiente

4

Ausrundungsbogen (m)
rounding-off curve, vertical easement curve
arc (m) de raccordement

a

сопрягающая дуга (f); переходное закругленіе (n)
arco (m) di raccordo
arco (m) de enlace

5

Gegenneigung (f)
reverse gradient
contre-pente (f), déclivité (f) [en sens] contraire *ou* profil (m) en fond de bateau

обратный уклонъ (m)
contropendenza (f)
contrapendiente (f), rasante (f) en sentido contrario

6

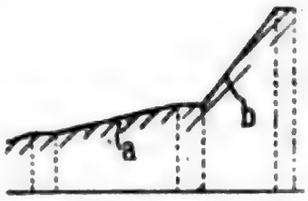
Zwischenwagerechte (f)
horizontal between two gradients of opposite direction
palier (m) (entre une pente et une contrepente)

a

площадка (f) между уклонами противуположнаго направленія
livelletta (f) orizzontale (fra una pendenza ed una contropendenza)
llanura (f) [entre una pendiente y una contrapendiente]

7

Flachrampe (f)
easy *or* flat gradient
rampe (f) douce



a

пологій *или* лёгкій скатъ (m)
salita (f) dolce
rampa (f) poco pronunciada

8

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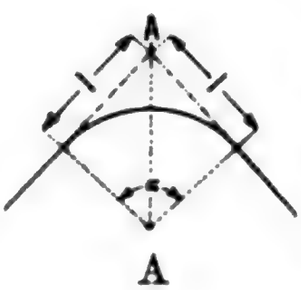
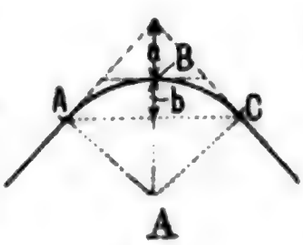
1	Steilrampe (f) heavy gradient, steep gradient forte rampe, rampe (f) prononcée	b	крутой скатъ (m) salita (f) forte rampa (f) pronunciada, plano (m) [muy] inclinado
2	Bergfahrt (f) climb, ascent, uphill journey montée (f)		ѣзда (f) вверхъ; ѣзда на подъёмъ; подъёмъ salita (f), viaggio (m) a monte ascenso (m)
3	Talfahrt (f) descent, downhill journey descente (f)		ѣзда (f) внизъ; ѣзда подъ уклонъ; спускъ (m) discesa (f), viaggio (m) a valle descenso (m)
4	gerade Linie (f) straight line ligne (f) droite		прямая (f); прямая линія (f) linea (f) retta linea (f) recta
5	Krümmung (f), Bogen (m), Kurve (f) curve courbe (f)		закругленіе (n); кривая (f) curvatura (f), curva (f) curva (f)
6	Krümmungshalbmesser (m), Krümmungsradius (m) radius of curve rayon (m) de courbure *ou* de la courbe	a	радіусъ (m) кривой raggio (m) di curvatura *o* della curva radio (m) de la curva
7	Winkelpunkt (m), Tangentenschnittpunkt (m) point of intersection of tangents point (m) d'intersection des tangentes		вершина (f) угла [точка (f) пересѣченія касательныхъ] punto (m) d'incontro di tangenti punto (m) de intersección de las tangentes
8	Zentriwinkel (m), Mittelpunktwinkel (m) angle at the centre angle (m) au centre	α	центральный уголъ (m) angolo (m) al centro ángulo (m) en el centro
9	Tangentenlänge (f) length of tangent longueur (f) de la tangente	l	длина (f) касательной lunghezza (f) della tangente longitud (f) de la tangente
10	Kurvenanfang (m), Bogenanfang (m) spring of curve, origin of curve [point (m) d'] origine (f) d'une courbe *ou* d'un arc		начало (n) кривой punto (m) d'origine d'una curva *o* di un arco [punto (m) de] origen (m) de una curva *ó* de un arco

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Kurvenmitte (f), Bogenmitte (f), Bogenscheitel (m)
centre of curve
point (m) milieu d'un arc de courbe

B

середина (m) кривой; точка (f) биссектрисы
punto (m) di mezzo di un arco di curva
punto (m) medio de un arco de curva

1

Kurvenende (n), Bogenende (n)
end of curve
point (m) terminal d'une courbe

C

конецъ (m) кривой
punto (m) estremo di una curva
punto (m) extremo de una curva *ó* de un arco

2

Scheitelabstand (m)
zenith-distance
distance (f) au sommet

a

разстояніе (n) вершины; длина (f) биссектрисы
distanza (f) al vertice
distancia (f) al vértice

3

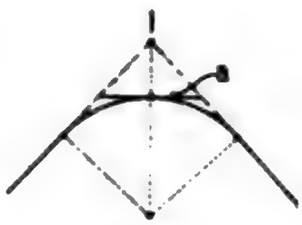
Pfeilhöhe (f) des Bogens
height of arc
flèche (f) de l'arc

b

стрѣла (f) дуги
freccia (f) *o* saetta (f) dell'arco
flecha (f) del arco

4

Hilfstangente (f)
auxiliary tangent
tangente (f) auxiliaire

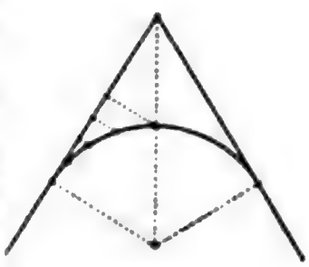


a

вспомогательная касательная (f)
tangente (f) ausiliare
tangente (f) auxiliar

5

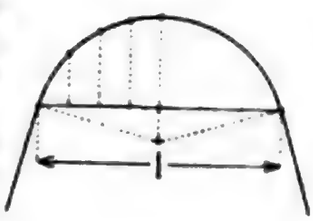
Abstecken (n) eines Bogens von der Tangente
pegging out a curve from the tangent
jalonnement (m) d'une courbe au moyen de la tangente *ou* en prenant la tangente comme base



разбивка (f) кривой по касательной
tracciamento (m) di una curva a mezzo della tangente oppure prendendo la tangente come base
trazado (m) de una curva tomando la tangente como base

6

Abstecken (n) eines Bogens von der Sehne
pegging out a curve from the cord
jalonnement (m) d'une courbe en prenant la corde comme base



разбивка (f) кривой по хордѣ
tracciamento (m) di una curva prendendo la corda come base
trazado (m) de una curva tomando la cuerda como base

7

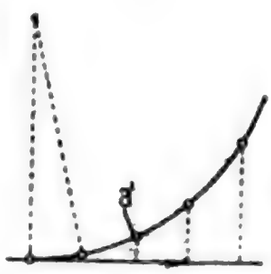
Sehnenlänge (f)
length of cord
longueur (f) de la corde

l

длина (f) хорды
lunghezza (f) della corda
longitud (f) de la cuerda

8

Bogenbildung (f)
setting out *or* ranging a curve
tracé (m) de la courbe



образованіе (n) кривой
tracciamento (m) della curva
trazado (m) de la curva

9

Bogenpunkt (m)
point on the curve
point (m) de la courbe

a

точка (f) кривой
punto (m) di curva
punto (m) de la curva

10

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1 Korbbogen (m), zusammengesetzterBogen(m)
compound curve
courbe (f) en anse de panier

коробовая кривая (f) составная кривая
curva (f) a paniere *o* policentrica
curva (f) apainelada

---

2 Gegenkrümmung(f), entgegengesetzte Krümmung (f)
reverse curve
contre-courbe(f), courbe (f) [en sens] contraire

закругленіе (n) въ обратную сторону; контръ-кривая (f)
controcurva (f), curva (f) [in senso] contrario
contra-curva (f), curva(f) en sentido contrario

---

3 Zwischengerade (f)
straight between two curves
alignement (m) intermédiaire *ou* intercalaire

прямая вставка (f)
tratto (m) diritto interposto
alineación (f) intermedia *ó* de enlace

---

4 Kurvenband (n)
diagram of curves
indication (f) des courbes [sur le profil en long]

условное обозначеніе (n) кривыхъ [подъ продольнымъ профилемъ]
indicazione (f) delle curve (su un profilo longitudinale)
indicación (f) de las curvas (en el perfil longitudinal)

---

5 Übergangskurve (f), Übergangsbogen (m)
transition curve
courbe (f) de raccordement

переходная кривая (f)
curva (f) di raccordo
curva (f) de enlace

Vorbereitung der Bauausführung

Приготовленія къ производству работъ

6 **Preparation of Construction**

Lavori preliminari *o* programma di esecuzione

Travaux préliminaires *ou* programme d'exécution

Trabajos preliminares *ó* programa de ejecución

7 Grunderwerb (m)
purchase *or* acquisition of land
acquisition (f) du terrain

пріобрѣтеніе (n) земли
acquisto (m) di terreno
adquisición (f) del terreno

---

8 freihändiger Grunderwerb (m)
offhand buying of ground
acquisition (f) directe *ou* achat (m) direct *ou* de la main à la main des terrains

покупка (f) *или* отчужденіе (n) земли по добровольному соглашенію
acquisto (m) diretto *o* a mano dei terreni
adquisición (f) *ó* compra (f) directa de los terrenos

Enteignung (f), Zwangsenteignung (f) expropriation expropriation (f)	отчужденіе (n); принудительное отчужденіе espropriazione (f) expropiación (f)	1
Enteignungsverfahren (n) expropriation method procédure (f) d'expropriation	отводъ (m) земли принудительнымъ отчужденіемъ procedura (f) di espropriazione procedimiento (m) de expropriación	2
Enteignungsgesetz (n) expropriation law loi (f) *ou* législation (f) d'expropriation	законъ (m) о принудительномъ отчужденіи legge (f) legislazione (f) di spropriazione ley (f) *ó* legislación (f) referente á las expropriaciones	3
Grunderwerbsplan (m) scheme for buying land tableau (m) d'aquisition des terrains	планъ (m) отчужденія земли tabella (f) di acquisto dei terreni plan (m) de adquisición de los terrenos	4
Planfeststellungsverfahren (n) method of procedure for expropriation procédure (f) préalable d'expropriation	способъ (m) составленія плана отчужденія dichiarazione (f) di pubblica utilità declaración (f) pública de los planos	5
Entschädigungsfestsetzung (f) determination of compensation fixation (f) *ou* évaluation (f) des indemnités	оцѣнка (f) размѣра вознагражденія stabilimento (m) *o* valutazione (f) delle indennità evaluación (f) de las indemnizaciones	6
Nutzungsentschädigung (f) easement, compensation for using land indemnité (f) pour restriction de jouissance	плата (f) за пользованіе indennità (f) per restrinzione d'uso indemnización (f) para restricción de uso	7
Entwertung (f) eines Grundstückes depreciation of a piece of land dépréciation (f) (de la valeur) d'un terrain	обезцѣниваніе (n) участка земли deprezzamento (m) del valore di un terreno depreciación (f) del valor de un terreno	8
Wirtschaftserschwernis (f) making difficult the managing of a landed estate difficulté (f) de mise en valeur (d'un terrain)	затрудненія (n pl) для веденія хозяйства difficoltà (f) di far valere un terreno dificuldad (f) de dar valor (á un terreno)	9

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1	Enteignungsbeschluß (m) decision as regards expropriation décision (f) en matière *ou* en cas d'expropriation	рѣшеніе (n) приступить къ принудительному отчужденію decisione (f) in materia *o* in caso di espropriazione sentencia (f) *ó* acuerdo (m) de expropriación
2	Umwegentschädigung (f) compensation for necessity of a circuitous road indemnité (f) pour détour *ou* déviation d'un chemin	вознагражденіе (n) за отводъ проѣзжей дороги въ сторону indennità (f) per deviazione di una strada indemnización (f) por desviar un camino
3	Bauausführung (f) construction exécution(f) des travaux	производство (n) работъ esecuzione (f) dei lavori ejecución (f) de las obras
4	Bauleitung (f), Bauverwaltung (f) supervision of construction conduite (f) *ou* direction (f) des travaux	веденіе (n) работъ; руководство (n) работами direzione (f) dei lavori dirección (f) de los trabajos
5	Bauleiter (m) chief resident engineer directeur(m) des travaux	начальникъ (m) *или* производитель (m) работъ direttore (m) dei lavori director (m) *ó* jefe (m) de las obras
6	Bauingenieur (m) resident engineer ingénieur (m) des travaux	инженеръ-строитель (m); инженеръ (m), руководящій работами по постройкѣ ingegnere (m) costruttore arquitecto (m)
7	Bauführer (m) foreman conducteur (m) des travaux	техникъ (m), наблюдающій за производствомъ работъ conduttore (m) di lavori maestro (m) de obras
8	Bauaufseher (m) inspector conducteur (m) *ou* surveillant (m) de travaux	десятникъ (m) conduttore (m) *o* sorvegliante (m) di lavori inspector (m) *ó* director (m) de los trabajos
9	Bauentwurf (m) scheme of work projet (m) de construction *ou* d'établissement	проектъ (m) постройки progetto (m) di costruzione proyecto (m) de construcción *ó* de establecimiento

Bauunternehmer (m) contractor entrepreneur (m) de travaux	предприниматель (m); подрядчикъ (m) imprenditore (m) dei lavori, impresa (f) empresario (m) *ó* contratista (m) de los trabajos	1
Teilunternehmer (m) sub-contractor sous-traitant (m)	подрядчикъ (m), получившій часть подряда; рядчикъ (m) subappaltatore (m) *o* sub-imprenditore (m) subarrendatario (m)	2
Bausystem (n) method of construction système (m) de construction	способъ (m) производства работъ organizzazione (f) delle costruzioni sistema (m) de construcción	3
Regiebau (m) departmental construction construction (f) *ou* travaux (m pl) en régie	хозяйственный способъ (m) производства работъ; производство работъ хозяйственнымъ способомъ costruzione (f) in regia *o* in economia construcción (f) por administración	4
Akkordbau (m) [mit Nachmessung] schedule contract (with adjustment of quantities) construction (f) à forfait [avec remesurage]	производство (n) работъ съ подряда по единичнымъ цѣнамъ; работы (f pl) по единичнымъ цѣнамъ costruzione (f) in appalto [a misura] construcción (f) á destajo según cubicación	5
Pauschalakkord (m) lump sum contract forfait (m)	сдача (f) работъ оптомъ; работы (f pl) по оптовымъ цѣнамъ appalto (m) a corpo, forfait (m) destajo (m), precio (m) alzado	6
Generalbauunternehmung (f) contracting firm entreprise (f) générale	предприниматель (m), получившій весь подрядъ impresa (f) generale delle costruzioni empresa (f) general	7
Baustrecke (f) length of line under construction section (f) à construire	строительный участокъ (m) tronco (m) da costruire sección (f) á construir	8
Baulos (n) section of the line under construction, allotment lot (m) d'entreprise	часть (f) строительнаго участка; дистанція (f) lotto (m) di costruzione lote (m) de construcción	9

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1	Bauausschreibung (f) calling for tenders mise (f) en adjudication d'une construction *ou* des travaux	объявленіе (n) конкурса на полученіе работъ mettere (v) in concorso *o* all'asta *o* in gara una costruzione sacar (v) á concurso *ó* subasta una construcción
2	Verdingung (f) der Arbeiten submission of work remise (f) *ou* adjudication (f) de travaux à un entrepreneur	торги (m pl) на сдачу (f) работъ съ подряда aggiudicazione (f) dei lavori ad un intrapresa adjudicación (f) de los trabajos á un contratista
3	öffentliche Ausschreibung (f) official submission adjudication (f) publique	публичные торги (m pl) на сдачу работъ *или* поставки съ подряда aggiudicazione (f) pubblica subasta (f) pública, concurso (m) público
4	beschränkte Ausschreibung (f) limited submission appel (m) limité à la concurrence	торги (m pl) съ ограниченнымъ числомъ конкуррентовъ licitazione (f) limitata *o* ristretta subasta (f) limitada, concurso (m) limitado
5	freihändige Vergebung (f) der Arbeiten direct giving of contract contrat (m) d'entreprise sans adjudication	непосредственная сдача (f) работъ съ подряда безъ объявленія конкурса contratto (m) diretto d'impresa *o* licitazione (f) privata adjudicación (f) directa de los trabajos
6	Angebotsverzeichnis (n) list of offers tableau (m) *ou* liste (f) des soumissions	списокъ (m) [поступившихъ] предложеній tabella (f) *o* lista (f) delle offerte lista (f) de las ofertas *ó* proposiciones
7	Lieferungsbedingungen (f pl) conditions for supply cahier (m) des charges (pour fournitures)	условія (n pl) поставки quaderno (m) d'oneri condiciones (f pl) de suministro, pliego (m) de condiciones
8	Lieferungsvertrag (m) supply agreement contrat (m) de fourniture	контрактъ (m) *или* договоръ (m) на поставку contratto (m) di fornitura contracto (m) de suministro

Einheitspreis (m) unit price prix (m) unitaire	единичная цѣна (f); огульная *или* общая цѣна (f) prezzo (m) unitario precio (m) unitario *ó* por unidad	*1*
Baubuch (n), Baujournal (n) building *or* construction journal carnet (m) des travaux	журналъ (m) работъ libretto (m) dei lavori diario (m) de las obras	*2*
Arbeitskarte (f) workman's card carnet (m) d'ouvrier	рабочій билетъ (m); разсчетная книжка (f) libretto (m) d'operario volante (m) de obrero	*3*
Arbeitsplan (m), Arbeitsdisposition (f) scheme of work spécification (f) des travaux	планъ (m) работъ; распредѣленіе (m) работъ specificazione (f) *od* elenco dei lavori plan (m) de las obras	*4*
Bauvertrag (m) agreement for construction contrat (m) d'entreprise	контрактъ (m) *или* договоръ (m) на производство работъ contratto (m) di impresa contracto (m) sobre la construcción	*5*

III.

Bahnkörper und Zubehör

Track etc.

Plateforme et dépendances de la voie

Полотно дороги и принадлежности пути

Piattaforma e dipendenze della linea

Plataforma y dependencias de la vía

---

1 Unterbau (m)
earth-works etc.
infrastructure (f)

нижнее строеніе
sottostruttura (f)
infrastructura (f)

---

2 Bahnkörper (m)
ground-work
corps (m) et plateforme (f) de la voie

полотно желѣзной дороги
corpo stradale (m)
plataforma (f)

---

3 Tagbau (m)
construction above ground
travaux (m pl) *ou* construction (f) à ciel ouvert *ou* à jour

работа (f) на поверхности земли
costruzione (f) a giorno *o* allo scoperto
construcción (f) á cielo abierto

---

4 Talbau (m)
construction in valley
travaux (m pl) *ou* construction (f) en vallée

работы (f pl) въ лощинахъ *или* въ долинахъ
costruzione (f) in valle *od* avallamento *o* conca
construcción (f) en valle

---

5 Talsohle (f)
bottom of valley
plafond (m) *ou* fond (m) de vallée, talweg (m)

подошва (f) *или* дно (n) долины
fondo (m) della valle
fondo (m) del valle

---

6 Berglehne (f), Hang (m)
slope, mountain slope
versant (m) de montagne

косогоръ (m); склонъ (m) горы
pendio (m) *o* scarpata (f) *o* declivio (m)
vertiente (m *ó* f) [de una montaña]

Hangbau (m), Lehnenbau (m)
construction on sloping ground, side-hill work (A)
construction (f) *ou* remblai (m) sur penchant de colline *ou* à flanc (m) de coteau

сооруженіе(n) *или* строеніе (n) на косогорѣ
costruzione (f) a mezza costa
construcción (f) apoyada sobre muro de contención

1

talseitig
on the valley side
du côté aval

съ отлогой *или* съ равнинной стороны
a valle
hacia abajo

2

bergseitig
on the mountain side
du côté amont

со стороны горъ; съ нагорной стороны
a monte
hacia arriba

3

Dämme und Einschnitte, Böschungsanlagen, Entwässerung
Dams, Cuttings, Slopes and Drainage
Remblais et déblais, talus, asséchement

Насыпи и выемки, откосы, дренажи
Arginamento, escavo, scarpa, prosciugamento
Terraplenes y desmontes, taludes, desecación

4

Baugrund (m)
building ground
emprise (f) de la voie

строительный грунтъ (m)
terreno (m) della via
terreno (m) de la via

5

frostsichere Tiefe (f)
frost-proof depth
profondeur (f) à l'abri de la gelée

глубина (f) ниже горизонта промерзанія
profondità (f) a riparo del gelo
profundidad (f) al abrigo de las heladas

6

Frostauftreibung (f)
rising *or* swelling due to frost
boursouflement (m) par la gelée

вспучиваніе (n) отъ мороза
rigonfiamento (m) per gelo
hinchamiento (m) producido por el frío

7

Frostbeule (f), Frosthügel (m), Frostballen (m)
rise *or* swell due to frost
boursouflure (f) due à la gelée

[мёрзлая] пучина (f)
gobba (f) dovuta al gelo
sabañón (m), hinchazón (f) debida al frío

8

Senkung (f) des Grundes
settlement *or* subsidence of the ground
tassement (m) *ou* dépression (f) du sol

осадка (f) грунта; корыто (n)
cedimento (m) del suolo
asiento (m) *ó* hundimiento (m)

9

	seitliches Ausweichen (n) des Erdkörpers side slip 1 affaissement (m) latéral du remblai, extension (f) latérale avec applatissement du remblai	боковой сдвигъ (m) земляной массы spostamento (m) laterale del terrapieno deslizamiento (m) lateral del terraplén
	künstliche Gründung (f) *oder* Fundierung (f) 2 artificial foundation fondation (f) exigeant des travaux d'art	искусственное основаніе (n) fondazione (f) artificiale cimentación (f) artificial
	Erdarbeiten (f pl), Erdbau (m) 3 earthworks (pl) terrassements (m pl), travaux (m pl) de terrassements	земляныя работы (f pl) lavori (m pl) *o* movimenti (m pl) di terra movimiento (m) de tierras, trabajos (m pl) de explanación
	Erdmassen (f pl) 4 earth-masses (pl) terres (f pl)	земляныя массы (f pl); масса (f) земли; земля (f) masse (f pl) di terra masas (f pl) de tierra
	Erdbeförderung (f), Erdbewegung (f) 5 moving *or* shifting of earth mouvement (m) des terres	перемѣщеніе (n) земли; возка (f) земли trasporto (m) di terra transporte (m) de tierra
	Beförderungsweite (f) (der gelösten Erdmassen) 6 lead distance (f) de transport des terres	дальность (f) возки (земляныхъ массъ) distanza (f) del trasporto distancia (f) de transporte de las tierras
	Bauweg (m) 7 service road chemin (m) de service	времянка (f); дорога (f), проложенная на время производства работъ costruzione (f) della via camino (m) de servicio
	Erddruck (m) 8 earth-pressure poussée (f) des terres	давленіе (n) земли pressione (f) *o* spinta (f) del terreno empuje (m) de las tierras
	Ausgleich (m) der Geländeunebenheiten 9 equalizing of cuttings and embankments, balancing the earth work compensation (f) des inégalités du sol *ou* des déblais et remblais	планировка (f) *или* выравниваніе (n) неровностей поверхности compensazione (f) dei movimenti di terra explanación (f) de los desigualdades del terreno
	Ebnung (f) *oder* Planierung (f) des Bodens 10 levelling *or* grading the ground aplanissement (m) *ou* régalage (m) du sol	планировка (f) *или* выравниваніе (n) земли spianamento (m) *o* livellazione (f) del terreno explanación (f) del suelo

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Abtrag (m), Abgrabung (f)
excavation, cutting, cut (A)
déblai (m)

a

выемка (f)
sterro (m)
desmonte (m)

1

Auftrag (m), Schüttung (f)
embankment, filling, fill (A)
remblai (m)

b

насыпь (f)
riporto (m)
terraplén (m)

2

Anschüttungs- *oder* Auftragsarbeit (f)
filling up, embanking
remblayage (m)

работы (f pl) по подсыпкѣ *или* по возведенію насыпи
lavoro (m) di riporto
terraplenado (m), trabajo (m) de terraplén

3

Seitenentnahme (f) der Erdmassen
side-cutting, taking earth from borrow-pits (A)
emprunt (m) latéral (m) de terres

резервъ (m) насыпи
sterro (m) di prestito
préstamo (m) de tierras

4

Seitenablagerung (f)
side piling
cavalier (m), excédent (m) de déblais

кавальеръ (m); земляной отвалъ (m)
eccesso (m) di sterro
excedente (m) de desmontes

5

Damm (m)
embankment, fill (A)
remblai (m)

насыпь (f)
rilevato (m), riporto (m)
terraplén (m)

6

Dammkrone (f), Dammkopf (m)
top of embankment
couronne (f) *ou* crête (f) *ou* sommet (m) du remblai

a

гребень (m) *или* вершина (f) насыпи
sommita (f) del rilevato
corona (f) *ó* arista (f) *ó* vértice (m) del terraplén

7

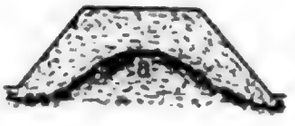
Dammhöhe (f), Auftragshöhe (f)
height of embankment
hauteur (f) de remblai

b

высота (f) насыпи
altezza (f) del rilevato
altura (f) del terraplén

8

Dammkern (m)
core of a bank
interieur (m) *ou* noyau (m) du remblai



a

ядро (n) насыпи
anima (f) dell'argine
interior (m) *ó* núcleo (m) del terraplén

9

einen Damm aufschütten (v)
to raise, make *or* tip an embankment
élever (v) un remblai

возводить насыпь
fare (v) un argine
terraplenar (v)

10

stufenförmiges Anschneiden (n) *oder* Abstufung (f) des Geländes
1 benching, cutting the ground in steps *or* terraces
attaque (f) du terrain en gradins

ступенчатая выборка (f) почвы; придавать почвѣ ступенчатый профиль
taglio (m) del terreno a gradini
excavación (f) en escalones *ó* por gradas del terreno

Sackung (f) *oder* Setzen (n) *oder* Zusammensacken (n) des Dammes
2 subsidence *or* settlement of the embankment, shrinkage (A)
tassement (m) du remblai

осѣданіе (n) полотна; осадка (f) насыпи
assettamento (m) del terrapieno
hundimiento (m) *ó* asiento (m) del terraplén

---

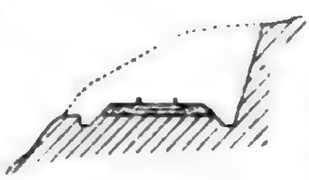
der Damm setzt sich *oder* kommt zur Ruhe
3 the embankment settles *or* consolidates
le remblai se tasse

полотно(n) садится; насыпь (f) даётъ осадку
il terrapieno s'assetta
el terraplén se hunde *ó* se asienta

Sackmaß (n), Setzungshöhe (f)
4 measure *or* degree of settling, shrinkage (A)
[grandeur (f) du] tassement (m)

запасъ (m) насыпи на осадку; [у рабочихъ:] процентъ (m)
entità (f) dell'assettamento
cantidad (f) de exceso para compensar el hundimiento

Anschnitt (m)
cutting on hill-side
5 tranchée (f) à flanc de coteau



выемка (f) въ косогорѣ
trincea (f) laterale, passaggio (m)
trinchera (f) lateral de una vía

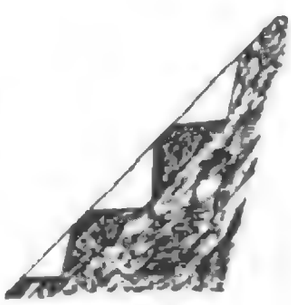
Einschnitt (m)
6 cut, cutting
tranchée (f)

выемка (f)
trincea (f)
trinchera (f)

Einschnittarbeit (f), Abtrag[s]arbeit (f)
7 excavation
[travail (m) de] déblayage (m)

разработка (f) выемокъ
lavori (m pl) di trincea *o* di sterro
trabajos (m pl) de excavación

Seitenbau (m), seitlicher Stufenbau (m)
8 side benching
abatage (m) latéral, attaque (f) latérale



поперечная разработка (f)
attacco (m) a mezza costa *o* laterale
ataque (m) á media ladera, desmonte (m) lateral

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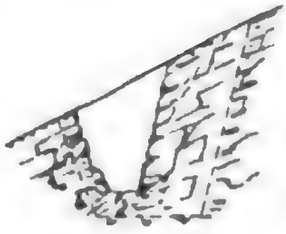
Strossenbau (m)
gullet working, gulleting
abatage (m) *ou* attaque (f) par gradins droits

продольная разработка (f) съ подраздѣленіемъ откосовъ бермами
attacco (m) a scaglioni
excavación (f) por gradas rectas

1

Röschenbau (m)
trenching
abatage (m) par tranchée et attaque latérale



продольная разработка (f) посредствомъ траншеи и перекладкою путей
attacco (m) laterale con trincea a fondo
excavación (f) por zanja profunda y desmonte lateral

2

Stollenbau (m), englischer Einschnittbetrieb (m)
driving a heading, gallery driving
abatage (m) par [puits et] galerie

разработка (f) посредствомъ шахтъ и галлерей [по англійскому способу]
attacco (m) a cunicolo, attacco (m) inglese
excavación (f) por galerías

3

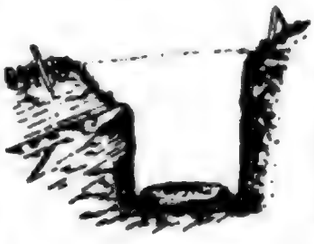
---

offener Einschnitt (m)
open cut *or* cutting, through cut (A)
tranchée (f) [ouverte]

открытая выемка (f)
trincea (f) [aperta]
trinchera (f) abierta

4

Felseinschnitt (m)
rock cutting
tranchée (f) en rocher



выемка (f) въ скалѣ
trincea (f) in roccia
trinchera (f) *ó* zanja (f) en roca

5

---

trockener Einschnitt (m)
dry cutting
tranchée (f) en terrain sec

сухая выемка (f); выемка въ сухомъ грунтѣ
trincea (f) asciutta
trinchera (f) seca

6

---

nasser Einschnitt (m)
wet cutting
tranchée (f) en terrain aquifère

выемка (f) въ сыромъ грунтѣ
trincea (f) umida *ó* in terreno acquifero
trinchera (f) húmeda

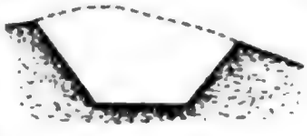
7

Einschnitt (m) in flachem Boden
level cutting
excavation (f) *ou* tranchée (f) en terrain horizontal *ou* de niveau

выемка (f) на ровномъ [въ поперечномъ профилѣ] мѣстѣ
trincea (f) in terreno piano
excavación (f) *ó* trinchera (f) en terreno horizontal

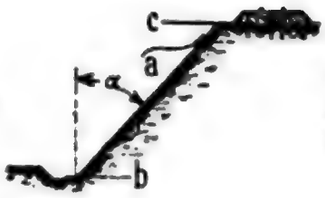
8

Einschnitt (m) in gewölbtem Boden
hog-backed cutting (A)
tranchée (f) en terrain ondulé *ou* accidenté



выемка (f) на неровномъ [въ поперечномъ профилѣ] мѣстѣ
trincea (f) in terreno ondulato
trinchera (f) en terreno accidentado

9



1	Böschung (f) slope, bank, side-slope talus (m)		откосъ (m) scarpa (f), scarpata (f) talud (m)
2	Böschungsfläche (f), geböschte Fläche (f) face of slope surface (f) *ou* parement (m) de talus	a	площадь (f) откоса superficie (m) della scarpa, paramento (m) superficie (f) *ó* paramento (m) del talud
3	Böschungslinie (f) profile of slope profil (m) des talus		линія (f) откоса profilo (m) della scarpa perfil (m) del talud
4	Böschungsfuß (m) base of slope, toe of slope pied (m) de talus	b	подошва (f) откоса piede (m) della scarpa pie (m) *ó* base (f) del talud
5	Böschungskante (f) crest of slope, top of slope arête (f) de talus	c	верхній край (m) *или* обрѣзъ (m) откоса; бровка (f) spigolo (m) *o* colmo (m) della scarpa arista (f) del talud
6	Böschungswinkel (m) angle of slope, gradient of slope angle (m) d'inclinaison (f) de talus	α	уголъ (m) откоса inclinazione (f) della scarpa [ángulo (m) de] inclinación (f) del talud
7	Böschungsverhältnis(n), Böschungsneigung (f) ratio of slope mesure (f) d'inclinaison de talus, pente (f) du talus	$ctg\ \alpha$	отношеніе (n) высоты откоса къ его основанію [заложеніе (n)] rapporto (m) della scarpa, pendenza (f) della scarpa proporciones (f pl) del talud
8	natürlicher Böschungswinkel (m), Ruhewinkel (m), Reibungswinkel (m) angle of repose inclinaison (f) naturelle *ou* angle (m) naturel du talus		уголъ (m) естественнаго откоса angolo (m) d'attrito *o* pendenza (f) naturale della scarpata inclinación (f) natural del talud
9	einmalige *oder* einfache *oder* einfüßige (zweimalige usw.) Böschung (f) one to one slope, (2 to 1 slope) etc. talutage (m) simple *ou* talus (m) à 1 de base pour 1—2 etc. de hauteur (double etc.)	$tg\ \alpha = 1\ (= 2\ etc.)$	откосъ (m) одиночный (двойной, и пр.) scarpata (f) all' $^1/_1$, al $^1/_2$ ecc) talud (m) al 1 por 1, al 2 por 1 etc.

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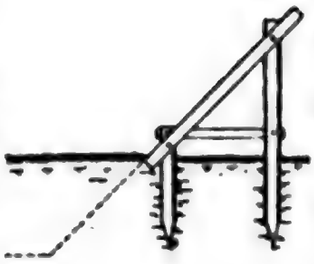
anderthalbfüßige *oder* anderthalbfache Böschung (f)
one and a-half to one slope
talus (m) à $1^1/_2$ de base pour 1 de hauteur

$\operatorname{tg} \alpha = 1^1/_2$

полуторный откосъ (m)
scarpata (f) $1 : 1^1/_2$
talud (m) á $1^1/_2$ de base por 1 de altura 1

Lattenprofillehre (f)
battering rule, batter gauge *or* templet (A)
gabari[t] (m) *ou* profil (m) de terrassement (en lattes)



шаблонъ (m) земляного полотна изъ жердей
sagoma (f) di legno del rilevato *o* della scarpata
plantilla (f) [de inclinación] para el talud 2

Böschungsbekleidung (f)
lining of slope
revêtement (m) des talus

одёжда (f) откоса
rivestimento (m) di scarpata
revestimiento (m) de los taludes 3

Abtreppen (n) der Böschungsfläche
stepping *or* benching the face of the slope
recoupement (m) du parement du talus

ступенчатая обдѣлка (f) уступами
scarpa (f) a gradini
recorte (m) de banquetas, escalonado (m) del paramento del talud 4

Berme (f), Bankett (n)
berm, bench, terrace
berme (f), banquette (f)

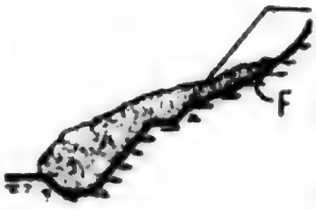
a

берма (f); банкетъ (m)
banchina (f)
banqueta (f) 5

Rasenböschung (f)
turfed slope, sodded slope (A)
talus (m) gazonné

откосъ (m), обложенный дёрномъ; одернованный откосъ
scarpata (m) coperta di zolle erbose
talud (m) encespedado 6

Rutschung (f), [Einschnittrutschung (f), Dammrutschung (f)]
slip (of a cutting *or* embankment)
éboulement (m), glissement (m) (en remblai, en déblai)



сдвигъ (m); сползаніе (n); обвалъ (m); [сплывъ (m) откосовъ; обвалъ насыпи]
franamento (m), scoscendimento (m), smottamento (m)
hundimiento (m), desprendimiento (m) 7

Rutschfläche (f)
slipping area
surface (f) de glissement

F

поверхность (f) сползанія
piano (m) di scovrimento
superficie (f) de desprendimiento 8

Wiederauffüllung (f) einer eingerutschten Böschung
refilling a slipped embankment
réfection (f) d'un talus effondré

возстановленіе (n) обвала *или* сплыва
ricostruzione (f) d'una scarpa franata
reconstrucción (f) de un talud hundido 9

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1 Dammbruch (m)
bursting *or* failure of a dam
rupture (f) de remblai

прорывъ (m) насыпи
rottura (f) d'argine
rotura (f) de un terraplén

2 Gegendamm (m), Berme (f)
counter *or* reinforcing dam
contreremblai (m)

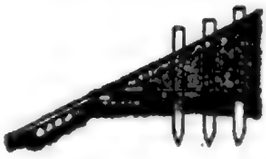
a

контръ-банкетъ (m); контръ-насыпь (f)
controargine (m)
contradique (m)

3 Buschbau (m), Faschinenbau (m)
fascine work
fascinage (m)

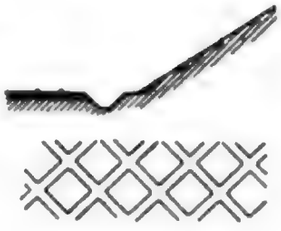
фашинная одёжда (f) *или* кладка (f)
rivestimento (m) di fascine
enfaginado (m)

4 eingerammter Pfahl (m)
stake *or* pile driven to strengthen a slope
pieu (m) enfoncé à la sonnette



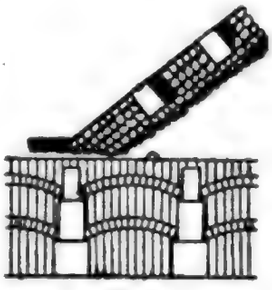
забитая свая (f)
palo (m) battuto, palafitte (f pl)
estaca (f) *ó* pilote (m) hincado con martinete

5 Netzpflaster (n), netzförmiges Reihenpflaster (n)
diagonal paving *or* pitching [of slopes to prevent slip]
pavage (m) diagonal



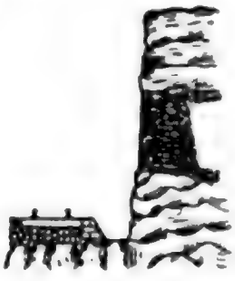
мощеніе (n) въ клѣтку
selciato (m) reticolare
solado (m) reticular

6 Steinpfeiler (m), Steinrippe (f)
stone counterfort
pilier (m) en pierres, contrefort (m)



каменный контрфорсъ (m); каменная шпора (f)
pilastro (m) in pietra
pilar (m) de mamposteria

7 Ausmauerung (f) *oder* Plombierung (f) des Einschnittes
underpinning the cut
murage (m) *ou* briquetage (m) *ou* revêtement (m) maçonné d'une tranchée, revêtement (m) noyé



укрѣпленіе (n) выемки каменной кладкой; каменная *или* кирпичная обдѣлка (f) выемки
trincea (f) rivestita di muratura
revestimiento (m) con obra de mamposteria de una trinchera

8 Böschungspflaster (n), Steinbekleidung (f) der Böschung
pitching of slope
revêtement (m) en pierres *ou* perré (m)

каменная одёжда (f) откоса; мощеніе (n) откоса
rivestimento (m) della scarpata in pietrame *o* in pietrelle
revestimiento (m) del talud de piedras

Steinpackung (f), Steinsatz (m)
rubblework
empierrement (m)

сухая кладка (f); каменная кладка
cosolidamento (m) in pietrame
fundamento (m) de piedras
1

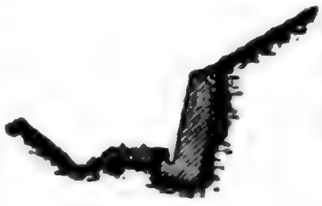
Trockenmauer (f)
dry-walling, wall built without mortar
mur (m) en maçonnerie sèche

стѣнка (f) изъ сухой кладки
muro (m) a secco
muro (m) de mampostería en seco, jorfe (m)
2

Mörtelmauer (f)
mortar wall
mur (m) en maçonnerie *ou* maçonné au mortier

стѣнка (f) на растворѣ
muratura (f) di malta
muro (m) de mampostería al mortero
3

Futtermauer (f) Bekleidungsmauer (f)
revetment wall
mur (m) de revêtement *ou* de retenue



облицовочная стѣна (f)
muro (m) di rivestimento
muro (m) de revestimiento *ó* de sostenimiento
4

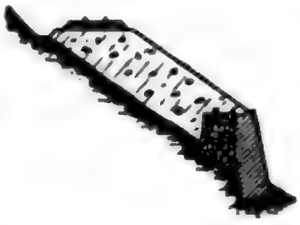
Dammschutz (m)
embankment protection
défense (f) *ou* protection (f) du remblai

укрѣпленіе (n) откоса
protezione (f) del rilevato
defensa (f) *ó* protección (f) del terraplén
5

Dammschutz (m) durch lose geschüttete Steine
rip-rap protection on slope of bank (A)
protection (f) du remblai au moyen de pierres déversées

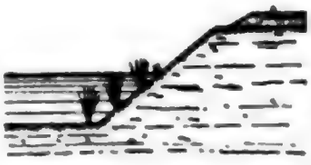
укрѣпленіе (n) откоса каменною наброскою
protezione del rilevato mediante pietre sciolte infisse
protección (f) del terraplén por medio de grava suelta
6

Stützmauer (f)
retaining wall
mur (m) de soutènement



подпорная стѣнка (f)
muro (m) di sostegno
muro (m) de sostenimiento *ó* de contención
7

Dammschutzpflanzung (f)
plantation for protecting an embankment
plantation (f) protectrice du remblai



посадка (f) ивняка для укрѣпленія откоса; защитная посадка для огражденія откоса
piantagione (f) di protezione del rilevato
plantación (f) de protección del terraplén
8

Unterwaschung (f)
scour, undermining *or* washing away
affouillement (m), déchaussement (m)

подмывъ (m)
scalzare (m) [dell' acqua]
derrubio (m)
9

1 Dammausspülung (f)
scour, washing away of a bank, wash-out (A)
creusement (m) *ou* ravinement (m) *ou* (par eau courante:) affouillement (m) du remblai par l'eau

размывъ (m) насыпи
corrosione (f) d'un argine a causa dell'acqua
socavadura (f) del terraplén por agua corriente

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2 Überschwemmungsgebiet (n)
land liable to floods
zône (f) d'inondation

затопляемая мѣстность (f)
territorio (m) inondato
zona (f) de inundación

3 Entwässerung (f)
drainage
drainage (m)

осушеніе (n); дренированіе (n)
drenaggio (m), fognatura (f)
drenaje (m), saneamiento (m)

4 Planum (n), Bahnplanie (f)
formation, formation-level, sub-grade (A)
plate-forme (f), palier (m)

постель (f) балласта; земляное полотно (n)
piattaforma (f) stradale
plataforma (f) del terraplén

5 Neigung (f) *oder* Abdachung (f) des Planums
slope of formation
devers (m) *ou* inclinaison (f) du palier

наклонъ (m) постели балласта; поперечный наклонъ *или* горбъ (m) полотна
pioventе (m) della piattaforma
declive (m) *ó* inclinación (f) de la plataforma

6 Tagewasser (n)
open watercourse *or* stream, open water
eau (f) à ciel ouvert, eau (f) à la surface

поверхностныя воды (fpl)
acqua (f) superficiale
agua (f) á cielo abierto *ó* superficial

7 Abführung (f) *oder* Ableitung (f) des Wassers
diversion of water
abduction (f) *ou* évacuation (f) de l'eau

отводъ (m) воды
deviamenti (m pl) dell'acqua
conducción (f) del agua

8 Entwässerungsanlage (f)
drainage works
installation (f) de drainage

дренажъ (m); устройство (n) водоотводовъ
installazione (f) di prosciugamento
instalación (f) de drenaje *ó* de saneamiento

9 Bahngraben (m)
side ditch
contre-fossé (m)

канава (f) вдоль дороги
fosso (m), fossetto (m)
contrafoso (m)

10 Wasserscheide (f)
water-shed
ligne (f) de faîte, ligne (f) de séparation des bassins fluviaux *ou* des eaux

водораздѣлъ (m)
cresta (f) *o* linea (f) di spartiacqua
linea (f) divisoria de aguas

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offener Graben (m)
open ditch
fossé (m) ouvert

открытая канава (f)
fosso (m) scoperto, cunetta (f)
foso (m) abierto 1

Grabensohle (f)
bottom of trench
fond (m) de tranchée

подошва (f) *или* дно (n) *или* основаніе (n) канавы
fondo (m) di trincea
fondo (m) de trinchera 2

Grabenberme (f)
berm *or* bench at top of ditch
banquette (f) de fossé, berme (f) de fossé

a

берма (f) канавы
banchina (f) del fosso
banqueta (f) del foso 3

Sickergraben (m), Sickerdohle (f), Sickerschlitz (m)
rubble drain
pierrée (f)

дренажная канава (f); каменный дренажъ (m)
fosso (m) di filtrazione *o* drenaggio
filtro (m) de grava 4

Querschlitz (m)
cross-drain
barbacane (f)

a

поперечный дренажъ (m) *или* спускъ (m) *или* шлицъ (m)
barbacane (m)
barbacana (f), cantimplora (f) 5

Entwässerungsrohr (n), Drainrohr (n)
drain-pipe, pipe drain
drain (m), tuyau (m) de drainage

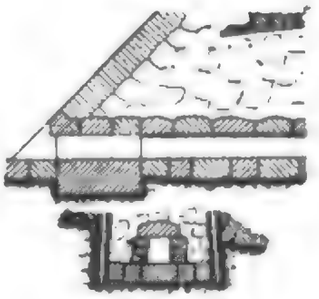
a

дренажная труба (f)
tubo (m) di scolo, tubo (m) di drenaggio *o* tubo (m) collettore
desaguadero (m), tubo (m) de drenaje *ó* de saneamiento 6

Drainierung (f) des Bahnkörpers
draining the formation
drainage (m) du corps de la voie *ou* du remblai

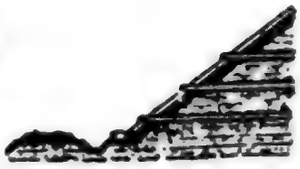
дренажъ (m) полотна дороги; осушеніе (n) полотна дренажемъ
drenaggio (m) del corpo stradale
drenaje (m) *ó* saneamiento (m) de la via 7

Entwässerungsstollen (m)
culvert
galerie (f) de drainage



дренажная галлерея (f) *или* штольня (f)
galleria (f) di drenaggio
galería (f) de drenaje *ó* de saneamiento 8

1 Trockenlegung (f) der Böschung durch Drainröhren
drying the slope by drain-pipes, drainage of slope
drainage (m) du talus, assèchement (m) du talus par drains *ou* tuyaux de drainage



осушеніе (n) откоса дренажемъ; дренажъ (m) откоса помощью трубокъ
prosciugamento (m) della scarpata con drenaggio
desecación (f) del talud por medio de tubos de drenaje

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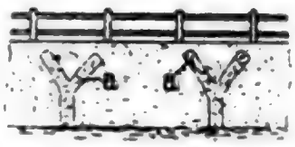
2 Y-förmiges Entwässerungsrohr (n)
Y drain
drain (m) en Y



a

Y-образная дренажная труба (f)
tubo (m) ad Y di drenaggio
tubo (m) de drenaje en Y

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3 Fanggraben (m), seitlicher Schutzgraben (m)
catch-drain, water-table
collecteur (m), fossé (m) de captage

a

нагорная канава (f); водоотводная канава
fossa (f) raccoglitrice
cuneta (f) colectora

---

4 Quelle (f), Quellwasser (n)
spring, spring-water
source (f), eau (f) de source

ключевая вода (f)
sorgente (f), acqua (f) di sorgente
fuente (f), manantial (m)

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5 Böschungsmulde (f)
drain, ditch, gutter, side-ditch
rigole (f) de talus

канава (f) вдоль насыпи; кюветъ (m)
cunetta (f) della scarpa
cuneta (f) del talud

---

6 Schutzmauer (f)
parapet
mur (m) de défense

a

парапетъ (m)
parapetto (m) in muratura
muro (m) de defensa

---

7 Kaskade (f), treppenförmige Sohle (f) eines Wasserlaufes
stepped bed
fond (m) en gradins *ou* échelonné *ou* en escalier, fond (m) en escalier d'un cours d'eau

ступенчатая подошва (f) водотока; ступенчатый водоспускъ (m) [ступенчатое дно (n) искусственнаго русла водотока]
fondo (m) a gradini di un corso d'acqua
fondo (m) escalonado de un curso de agua

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Kreuzungen mit anderen Verkehrswegen, Wasserläufen

Crossings with other Roads, Water-ways etc.

Croisements avec d'autres voies de communication *ou* des cours d'eau

Скрещенія съ другими путями сообщенія, водотоками

Incrocio con altre vie di communicazione, di corsi d'acqua 1

Cruzamientos con otros vías de comunicación *ó* corrientes de agua

1. Planübergänge
Horizontal Crossings
Passages à niveau

Пересѣченія въ одномъ уровнѣ
Passaggio a livello 2
Pasos á nivel

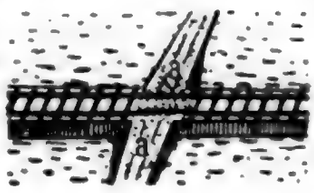
Wegkreuzung (f), Wegübergang (m)
highway crossing
traversée (f) *ou* passage (m) *ou* croisement (m) de chemin

пересѣченіе (n) дороги; переходъ (m) черезъ дорогу
attraversamento (m) *od* incrocio (m) di strade 3
cruzamiento (m) *ó* paso (m) de vía

Seitenweg (m), Parallelweg (m)
side path
chemin (m) latéral, chemin (m) parallèle

дорога (f) вдоль полотна
via (f) laterale *o* parallela 4
camino (m) lateral, camino (m) paralelo

Planübergang (m), Überweg (m), Bahnübersetzung (f), Wegkreuzung (f) in Schienenhöhe, Niveauübergang (m)
level crossing, grade crossing (A)
passage (m) à niveau

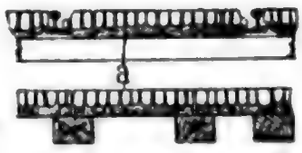


пересѣченіе (n) въ одномъ уровнѣ; переѣздъ (m) въ уровнѣ рельсовъ 5
passaggio (m) a livello
paso (m) á nivel

gepflasterter Übergang (m)
paved crossing
traversée (f) pavée

мощёный переѣздъ (m)
traversata (f) con selciato 6
cruzamiento (m) *ó* paso (m) adoquinado

Stein-Asphalt-Platte (f)
tar-concrete slab
dallage (m) en asphalte



a

каменно-асфальтовая плита (f)
piattaforma (f) in pietra ed asfalto 7
solado (m) de asfalto

Beschotterung (f)
metalling, ballasting
ballastage (m)

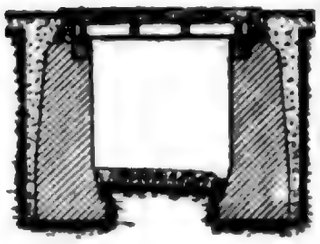
щебеночный слой (m)
acciottolatura (f) 8
balasto (m)

Wegübergang (m) mit Holzbelag
timbered crossing
traversée (f) à revêtement de bois

переѣздъ (m) съ деревяннымъ настиломъ
piattaforma (f) in legno 9
cruzamiento (m) *ó* paso (m) entarimado

1	Wegrampe (f), Zugangsrampe (f) crossing approach, approach ramp, raised approach rampe (f) d'accès	въѣздъ (m) rampa (f) d'accesso rampa (f) de acceso
2	Dammrampe (f) raised road approach rampe (f) en remblai	въѣздъ (m) на переѣздъ по уширенной насыпи rampa (f) d'accesso in rilevato rampa (f) en terraplén
3	Einschnittrampe (f), eingeschnittene Wegerampe (f) approach ramp of a road in cutting rampe (f) en déblai	спускъ (m) (къ переѣзду) выемкою rampa (f) d'accesso in trincea rampa (f) en desmonte
4	Rampenneigung (f) inclination of ramp pente (f) d'une rampe [d'accès]	уклонъ (m) спуска къ переѣзду pendenza (f) di una rampa d'accesso pendiente (f) de una rampa de acceso
	2. Unter- und Überführungen	**Пересѣченія въ разныхъ уровняхъ**
5	**Unterbridges and Overbridges** **Passage par dessous *ou* par dessus**	**Passaggio sotto *o* sopra** **Pasos por debajo *ó* por encima**
6	schienenfreie Kreuzung (f) crossing above *or* below the track passage (m) par dessus *ou* par dessous	пересѣченіе (n) безъ рельсъ; переѣздъ (m) внѣ уровня incrocio (m) senza rotaie paso (m) superior *ó* inferior
7	Hebung (f) des Straßenniveaus raising the level of a road relèvement (m) du niveau d'une route	поднятіе (m) уровня обыкновенной дороги elevamento (m) del livello stradale elevación (f) del nivel de un camino
8	Wegüberführung (f) over-line bridge, overbridge passage (m) par dessus	проведеніе (n) обыкновенной дороги по путепроводу надъ желѣзною дорогою cavalcavia (m) paso (m) *ó* puente (m) superior *ó* por encima
9	Senkung (f) des Straßenniveaus lowering the level of a road abaissement (m) du niveau d'une route	пониженіе (n) уровня обыкновенной дороги abassamento (m) del livello stradale disminución (f) del nivel de un camino

Wegunterführung (f), Durchfahrt (f), Brücktor (n)
under-line bridge, underbridge
passage (m) par dessous



проведеніе (n) обыкновенной дороги подъ путепроводомъ желѣзной дороги
sottovia (f), sottopassaggio (m)
paso (m) inferior ó por debajo

1

3. Durchlässe und Brücken
Culverts and Bridges
Aqueducs et ponts

Трубы и мосты
Tombini e ponti
Acueductos y puentes

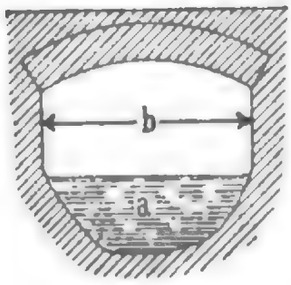
2

Überbrückung (f) von Wasserläufen
bridging over a stream
traversée (f) par ponts des cours d'eau

путепроводъ (m) черезъ водотокъ
passaggio (m) con ponte dei corsi d'acqua
paso (m) de corrientes de agua por puentes

3

Durchflußquerschnitt (m), Durchflußprofil (n)
waterway
débouché (m)



a

профиль (f) живого сѣченія
capacità (f) d'un ponte
salida (f), boca (f)

4

Lichtweite (f), lichte Weite (f)
span, clear width
ouverture (f) libre, échappée (f), largeur (f) dans œuvre, largeur (f) intérieure

b

ширина (f) въ свѣту
luce (f)
abertura (f) libre, luz (f), ancho (m) interior en las obras

5

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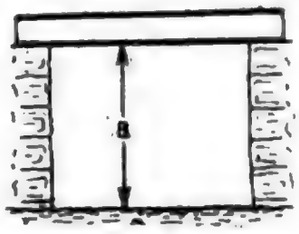
lichte Höhe (f)
headway
hauteur (f) intérieure



a

высота (f) въ свѣту
altezza (f) della luce
altura (f) interior

6

Niederschlagsgebiet (n)
irrigation area
zône (f) des pluies ou neiges

дождевая область (f)
zona (f) di pioggia o di nevi
zona (f) de las lluvias é de las nieves

7

Abflußmenge (f)
quantity of water flowing off
débit (m) [du bassin d'écoulement]

расходъ (m) воды
portata (f) del bacino di scarico
gasto (m) de la cuenca

8

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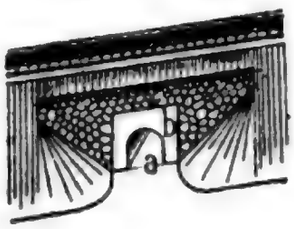
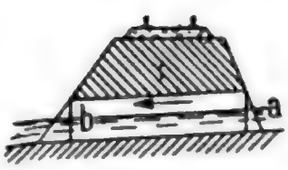
sekundliche Wassermenge (f)
discharge *or* flow of water per second
débit (m) par seconde

расходъ (m) воды въ секунду
portata (f) d'acqua al minuto secondo
caudal (m) por segundo

9

1 Schutz (m) gegen Hochwasser protection against floods défense (f) contre les crues *ou* les hautes eaux		предохраненіе (n) отъ вліянія высокихъ водъ difesa (f) contro le piene defensa (f) contra las crecidas
2 Hochwasserdurchlaß (m) flood opening ouverture (f) de décharge des crues	 a	труба (f) для отвода высокихъ водъ sfogatoio (m) passaggio (m) delle piene abertura (f) de descarga de las crecidas
3 Durchlaß (m) culvert aqueduc (m), ponceau (m)		труба (f); [водопропускное сооруженіе (n)] tombino (m), bocca (f) di scarico alcantarilla (f)
4 Durchlaßsohle (f) bottom of the culvert sol (m) *ou* plafond (m) d'aqueduc	a	дно (n) *или* лотокъ (m) трубы fondo (m) del tombino fondo (m) de la alcantarilla
5 Durchlaßhaupt (n), Durchlaßstirn (f) end *or* face of the culvert tête (f) d'aqueduc	b	головная часть (f) трубы testata (f) del tombino frente (m) de la alcantarilla
6 Durchlaßeinlauf (m), Oberhaupt (n) inlet *or* up-stream end of the culvert entrée (f) d'aqueduc, tête (f) d'amont	 a	верховая голова (f) трубы testata (f) d'entrata della bocca, testata (f) a monte entrada (f) de la alcantarilla, frente (m) de aguas arriba
7 Durchlaßauslauf (m), Unterhaupt (n) outlet *or* down-stream end of the culvert sortie (f) d'aqueduc, tête (f) d'aval	b	низовая голова (f) трубы testata (f) a valle salida (f) de la alcantarilla, frente (m) de aguas abajo
8 Dohle (f), Dohlen (m) small culvert, gutter-bridge gargouille (f), petit aqueduc (m), drain (m)		дренъ (m); подземный лотокъ (m); дренажъ (m); дренажный каналъ (m) tubo (m) di sfogo, sfogatoio (m) tajea (f), atarjea (f), alcantarilla (f) pequeña

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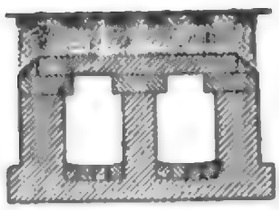
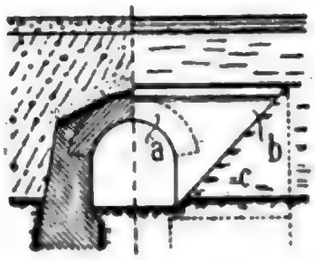
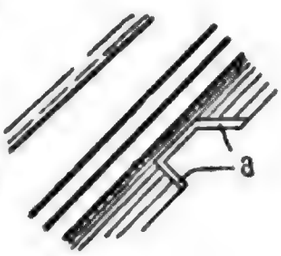
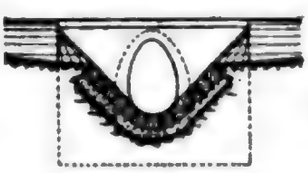
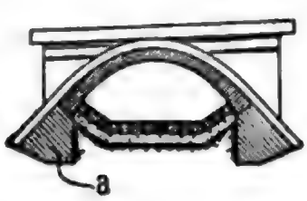
Holzdurchlaß (m) wooden *or* timber culvert aqueduc (m) en bois		деревянная труба (f); деревянный лотокъ (m) tombino (m) in legno pontón (m), alcantarilla (f) de madera	1
Balkendurchlaß (m) flat topped culvert aqueduc (m) couvert en poutres		открытый мостикъ (m); балочная труба (f) tombino (m) con armatura di tavole pontón (m), puentecillo (m) de vigas	2
Rohrdurchlaß (m) pipe-culvert aqueduc (m) tubulaire		труба (f) tombino (m) tubolare alcantarilla (f) tubular	3
Siphon (m), Düker (m) siphon siphon (m)		сифонъ (m); дукеръ (m) sifone (m) sifón (m)	4
offener Durchlaß (m) open drain aqueduc (m) [à ciel] ouvert		открытый лотокъ (m); открытая труба (f); междушпальный мостикъ (m) tombino (m) scoperto alcantarilla (f) abierta	5
Plattendurchlaß (m), Deckeldohle (f) box-culvert aqueduc (m) dallé, gargouille (f) dallée	b a	труба (f) съ плоскимъ перекрытіемъ; плоская труба tombino (m) a piattabanda *o* a lastroni atarjea (f) *ó* tajea (f) con cubierta de losas	6
Deckplatte (f) covering slabs, roof slab *or* flag dalle (f) de couverture	a	перекрывающая плита (f); плоское перекрытіе (n) lastra (f) di pietra a copertura losa (f) de cubierta	7
Überschüttungshöhe (f) depth of bank over roof of culvert hauteur (f) de cailloutage	b	высота (f) слоя засыпки для осадки altezza (f) d'inghiaiamento altura (f) de la sobrecarga	8
Erdhaken (m) parapet crochet (m), rebord (m)	a a	выступъ (m); карнизъ (m); парапетъ (m) orlo (m) [per trattenere la terra], labbro (m) protettore reborde (m) [para evitar el desprendimiento de tierras]	9

1 Doppeldurchlaß (m) double culvert double (adj) aqueduc		труба (f) о двухъ отверстіяхъ; двойная труба tombino (m) a due luci alcantarilla (f) doble
2 gewölbter Durchlaß (m) arched culvert aqueduc (m) voûté		труба (f) со сводчатымъ перекрытіемъ· сводчатая труба tombino (m) a volta alcantarilla (f) abovedada
3 Stirnmauer (f), Gewölbestirn (f) face-wall, mur (m) frontal	a	лицевая стѣнка (f) timpano (m), muro (m) frontale frente (f) de la bóveda
4 Stirnflügel (m), Parallelflügel (m) wing-wall, flare-wall (A) mur (m) en retour *ou* de tête	b	обратная стѣнка (f) fiancata (f), muro (m) laterale parte (f) lateral del frente
5 Böschungskegel (m) tail *or* cone of slope cône (m) de talus	c	конусъ (m) насыпи scarpata (f) a quarto di cono escarpa (f) cónica
6 Böschungsflügel (m) wing of slope, wing wall mur (m) en retour d'équerre	 a	откосное крыло (n) muro (m) d'ala alla scarpata muro (m) de talud
7 Betondurchlaß (m) concrete culvert aqueduc (m) en béton		бетонная труба (f) tombino (m) in calcestruzzo alcantarilla (f) de hormigón
8 unterdrücktes *oder* verlorenes Widerlager (n) abutment, skewback culée (f) perdue	 a	пониженная пята (f); пониженный устой (m) appoggio (m) falso estribo (m) perdido
9 Einlaufschacht (m), Fallkessel (m) gully, sump puits (m) d'entrée		водопріёмный колодезь (m) pozzo (m) d'entrata pozo (m) de entrada

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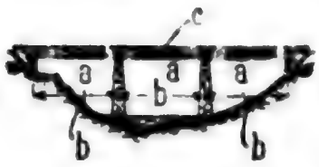
Eisenbahnbrücke (f) railway bridge pont (m) de chemin de fer		желѣзнодорожный мостъ (m) ponte (m) ferroviario puente (m) de ferrocarril	1
Brückenöffnung (f) bridge opening ouverture (f) de pont	a	пролётъ (m) моста въ свѣту; отверстіе (n) моста luce (f) del ponte abertura (f) del puente	2
Spannweite (f) span, clear span portée (f)	b	пролётъ (m) моста luce (f) luz (f)	3
Brückenträger (m) bridge girder poutre (f) de pont	c	мостовая ферма (f) *или* балка (f) travata (f) del ponte viga (f) de puente	4
gerade Brücke (f) straight bridge pont (m) perpendiculaire au courant		прямой мостъ (m) ponte (m) normale puente (m) perpendicular á la corriente	5
schiefe Brücke (f) inclined bridge pont (m) (ayant une position) oblique (à celle du courant)		косой мостъ (m) ponte (m) obliquo puente (m) en posición oblicua á la corriente	6
Fahrbahn (f), Brückenbahn (f) roadway of bridge chaussée (f) du pont		проѣзжая часть (f) piano (m) stradale del ponte pavimento (m) del puente, calzada (f)	7
Belastung (f) durch Eigengewicht, Eigenlast (f) dead load poids (m) mort *ou* charge (f) par le poids propre [du pont]		постоянная нагрузка (f) [собственнымъ вѣсомъ] carico (m) per peso proprio carga (f) por peso propio	8
Verkehrslast (f), Verkehrsbelastung (f) live load, moving load charge (f) de trafic		подвижная нагрузка (f) carico (m) di traffico *o* normale carga (f) de tráfico	9
Lastenzug (m), Belastungsschema (n) scheme of loading, distribution of load schéma (m) de la charge		схема (f) нагрузки schema (m) del carico esquema (m) de la distribución de las cargas	10
Laststellung (f) load position position (f) des charges		положеніе (n) груза posizione (f) dei carichi posición (f) de las cargas	11
Brückenprobe (f), Belastungsprobe (f) der Brücke loading test of a bridge, bridge test épreuve (f) de charge, essai (m) d'un pont		испытаніе (n) моста prova (f) d'un ponte, collaudo (m) d'un ponte ensayo (m) de un puente	12

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1	feste Brücke (f) fixed bridge pont (m) fixe		неподвижный мостъ (m) ponte (m) fisso puente (m) fijo
2	bewegliche Brücke (f) movable bridge pont (m) mobile		подвижной мостъ (m) ponte (m) mobile puente (m) móvil
3	Holzbrücke (f) wooden bridge, timber bridge pont (m) en bois		деревянный мостъ (m) ponte (m) [di] in legno puente (m) de madera
4	Notbrücke (f) emergency bridge pont (m) provisoire		временный мостъ (m) ponte (m) provisorio puente (m) provisional
5	Betonbrücke (f) concrete bridge pont (m) en béton		бетонный мостъ (m); мостъ изъ бетона ponte (m) in calcestruzzo puente (m) de hormigón
6	Steinbrücke (f) stone bridge pont (m) en pierre	a	каменный мостъ (m) ponte (m) in pietra puente (m) de [obra de] fábrica *ó* de mamposteria *ó* de piedra
7	gewölbte Brücke (f) arched bridge pont (m) en arc		сводчатый мостъ (m) ponte (m) ad arco puente (m) arqueado
8	Brückengewölbe (n) arch of bridge voûte (f) de pont	a	мостовой сводъ (m); мостовая арка (f) volta (f) *od* arcata (f) del ponte bóveda (f) del puente
9	Kämpfer (m) abutment coussinet (m), imposte (m), sommier (m)	a a	пята (f) свода imposta (f), spalla (f), piedritto (m) imposta (f)
10	voller Bogen (m), Halbkreisbogen (m) semicircular arch plein (adj) cintre	a b	полукруглая *или* полуциркульная арка (f) arco (m) a tutto sesto arco (m) de medio punto *ó* de cañon seguido
11	Scheitel (m) des Bogens crown *or* soffit of the arch sommet (m) de l'arc	a	ключъ (m) свода chiave (f) dell'arco vértice (m) del arco, clave (f)
12	Pfeilhöhe (f) rise flèche (f)	b	стрѣла (f) подъёма monta (f), saetta (f) flecha (f)
13	Stichbogen (m), Flach- *oder* Segmentbogen (m) segmental arch arc (m) surbaissé *ou* en segment		пологая арка (f) arco (m) scemo arco (m) rebajado [de segmento]

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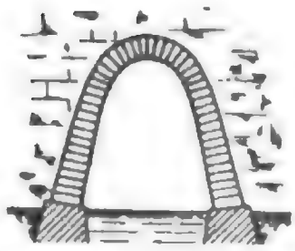
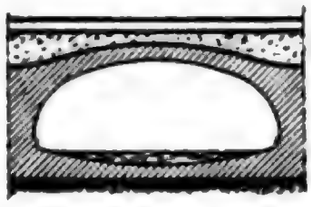
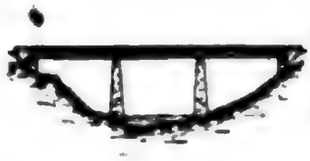


überhöhter Bogen (m) stilted arch arc (m) surhaussé	приподнятая *или* возвышенная арка (f) arco (m) sopraelevato arco (m) peraltado	1



gedrückter Bogen (m) elliptic *or* flat arch arc (m) en anse de panier	коробовая арка (f) о трёхъ центрахъ arco (m) policentrico arco (m) rebajado	2
Eisenbetonbrücke (f) reinforced concrete bridge pont (m) en béton armé	желѣзобетонный мостъ (m); мостъ изъ желѣзобетона ponte (m) in cemento armato puente (m) de hormigón armado	3



Eisenbrücke (f) iron bridge pont (m) en fer	желѣзный мостъ (m) ponte (m) in ferro puente (m) metálico *ó* de hierro	4
Überbau (m) superstructure tablier (m), superstructure (f)	верхнее строеніе (n); помостъ (m) tavolato (m), impalcato (m) tablero (m)	5
eingleisiger (mehrgleisiger) Überbau (m) single (multiple) line superstructure tablier (m) à une (plusieurs) voie (s)	помостъ (m) въ одинъ путь (въ нѣсколько путей) tavolato (m) ad una *o* più vie tablero (m) de una (de varios) via (s)	6
obenliegende Fahrbahn (f) track above voie (f) súrélevée	ѣзда (f) по верху linea (f) soprelevata via (f) elevada	7
untenliegende Fahrbahn (f) track below voie (f) à niveau	ѣзда (f) по низу linea (f) a livello via (f) á nivel	8
halbversenkte Fahrbahn (f) half sunk track tablier (m) surbaissé	ѣзда (f) по серединѣ tavolato (m) abbassato tablero (m) rebajado	9
beschränkte Bauhöhe (f) limited headway surélévation (f) limitée	ограниченная высота (f) чистаго проѣзда sopraelevazione (f) limitata elevación (f) limitada	10

1 unbeschränkte Bauhöhe (f)
unlimited headway
surélévation (f) illimitée

неограниченная высота (f) чистаго проѣзда
sopraelevazione (f) illimitata
elevación (f) ilimitada

2 oben geschlossene Brücke (f)
bridge covered at top
pont (m) à tablier

мостъ (m) съ настиломъ
ponte (m) con impalcato
puente (m) con tablero

3 oben offene Brücke (f)
bridge open at top
pont (m) sans tablier

мостъ (m) безъ настила
ponte (m) senza impalcato
puente (m) sin tablero

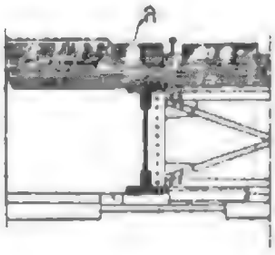
4 Fahrbahnteile (m pl)
parts of the roadway
pièces (f pl) supportant la chaussée

элементы (m pl) проѣзжей части
parti (f pl) costituenti il piano stradale
elementos (m pl) constitutivos de la calzada

5 Brückenbalken (m)
bridge beam
poutre (f) de pont

мостовая балка (f); мостовая ферма (f)
trave (m) di ponte
viga (f) de puente

6 Brückenbelag (m)
flooring *or* platform of a bridge
tablier (m) de pont

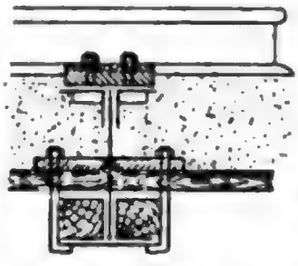


мостовой настилъ (m); настилъ моста
coperta (f) *o* pavimento (m) del ponte
tablero (m) del puente

7 Brücke (f) mit durchgehender Bettung *oder* Kieskastenüberbau
bridge with through ballasting
pont (m) avec couche continue de ballast

мостъ (m) съ сплошнымъ полотномъ
ponte (m) con superficie continua di ballast
puente (m) con capa continua de balasto

8 Schalldämpfer (m)
sound-damping arrangement
sourdine (f), matériaux (m pl) pour amortir le son *ou* isolant contre le bruit



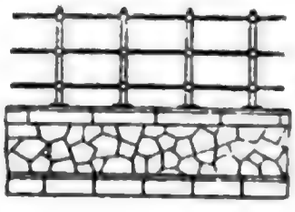
звукопоглощающее приспособленіе (n)
sordina (f), materiale (m) antiacustico
sordina (f)

9 Schienenträger (m)
railbearer, stringer (A)
longeron (m) au droit du rail

a

рельсовая балка (f)
lungarina (f) portarotaia
soporte (m) de carril

10 Brückengeländer (n)
bridge railing
parapet (m) [de pont]



перила (n pl) моста
parapetto (m) del ponte
barandilla (f) de puente

1	Untergrundtunnel (m) underground *or* subterranean tunnel, (subway) tunnel (m) en dessous du niveau du sol	подземный тоннель (m) galleria (f) sotterranea túnel (m) subterráneo galería nel sottosuelo
2	Gestein (n), Gebirge (n) rock roche (f), massif (m) rocheux	горная порода (f) roccie (f pl) montagne (f pl) roca (f)
3	Deckgebirge (n) cap-rock terrain (m) de recouvrement mortterrains (m pl)	наслоенная порода (f) roccie (f pl) a tetto terreno (m) muerto
4	Lösen (n) *oder* Gewinnen (n) *oder* Abbauen (n) des Gesteins working (a rock) abatage (m) de la roche	разработка (f) породы guadagnare (v) *o* superare (v) arranque (m) de la roca
5	Berge (m pl), Haufwerk (n) spoil heaps roche (f) abattue	кучи (f pl) выломанной породы monti (m pl), elevazioni (m pl) escombros (m pl), tierras (f pl)
6	Häuer (m) hewer, clearer, pikeman, holer mineur (m), abatteur (m)	рудокопъ (m) minatore (m) *o* tagliatore (m) minero (m)
7	Gezähe (n) miner's tools *or* implements outil (m) *ou* outillage (m) de mineur	инструментъ (m) для разработки горной породы pietrami (m pl) útiles (m pl) *ó* herramientas (f pl) de minero
8	sprödes Gestein (n) brittle rock, hard rock roche (f) friable	ломкая порода (f) roccie (f pl) friabili roca (f) friable
9	zähes *oder* pelziges Gestein (n) tough rock roche (f) résistante	вязкая порода (f) pietre (f pl) tendei roca (f) resistente
10	zerklüftetes Gebirge (n) cleaved rock roche (f) fissurée	щелеватая горная порода roccie (f pl) con fenditure roca (f) resquebrajada *ó* agrietada
11	standfestes Gebirge (n) solid *or* compact rock roche (f) compacte	устойчивая порода (f) roccie (f pl) compatte roca (f) compacta

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schwimmendes Gebirge (n) quicksand roches (f pl) sans cohésion *ou* aquifères	водоносная порода (f) roccie (f pl) senza coesione rocas (f pl) acuiferas	1
Stichgebirge (n), rolliges Gebirge (n) soil that can be excavated by shovel *or* spade roche (f) meuble *ou* boulante	рыхлая *или* сыпучая порода (f); грунтъ (m), разрабатываемый лопатами roccie (f pl) molle roca (f) movediza	2
Hackgebirge (n), mildes Gebirge (n) soil that has to bé worked by pick roche (f) tendre	мягкая порода (f); грунтъ (m), разрабатываемый кирками roccie (f pl) tenere roca (f) blanda	3
Brechgebirge (n), Gebräch (n), gebräches Gebirge (n) rock that can be worked by sledge and wedge roche (f) dure, roche (f) d'entaillage difficile	ломкая порода (f); грунтъ (m), разрабатываемый ломами roccie (f pl) durre *o* montagne (f pl) rocciose roca (f) dura	4
Brech-undSchußgebirge (n), festes Gebirge (n), leicht schießbares Gebirge (n) rock that can be worked by sledge and wedge assisted by blasting roche (f) dure *ou* compacte, roche (f) de sautage facile	твёрдая порода (f); порода, разрабатываемая ломами и взрывами montagne (f pl) non compatte, montagne (f pl) facilmente manabili roca (f) dura *ó* compacta, roca (f) fácil de hacer saltar	5
Schußgebirge (n), höchst festes *oder* schwer schießbares Gebirge (n) rock that has to be all blasted roche (f) très dure *ou* compacte de sautage difficile	порода (f), твёрдая въ въ высшей степени; порода, поддающаяся разработкѣ исключительно взрывами montagne (f pl) molto compatte *o* infranabili roca (f) muy dura *ó* compacta, roca (f) dificil de hacer saltar	6
Klotzgebirge (n) rock in blocks terrain (m) formé de gros blocs	массивная порода (f) terreno (m) formato di grossi massi terreno (m) formato de grandes bloques	7
wasserführendes Gebirge (n) water-bearing rock roche (f) aquifére	водоносная порода (f) roccie (f) acquitrinose roca (f) acuifera	8

1	Verwerfung (f) dislocation dislocation (f), désagrégation (f)	сдвигъ (m) sgretolamento (m) dislocación (f), disgregación (f)
2	Klüfte (f pl) fissures fissures (f pl)	трещины (f pl) fenditure (f pl) *o* screpolature (f pl) grietas (f pl)
3	Gebirgsschichtung (f) rock stratification stratification (f) des roches *ou* des terrains	слоистость (f) горныхъ породъ stratificazione (f) delle roccie *o* dei terreni estraficación (f) de las rocas *ó* de los terrenos
4	Gebirgslagerung (f) rock arrangement couches (f pl du terrain, strates (f pl) de roches	наслоеніе (n) *или* напластованіе (n) горныхъ породъ superficie (f) dei terreni *o* strati di roccie capas (f pl) del terreno, estratos (f pl) de rocas
5	Einfallen (n) der Schichten inclination of the strata plongée (f) des couches, inclinaison (f) des couches	паденіе (n) слоёвъ distesa (f) pendente degli strati *od* inclinazione (f) degli strati inclinación (f) de las capas
6	Streichen (n) der Schichten drift of the strata direction (f) des couches	горизонтальное положеніе (n) слоёвъ direzione (f) degli strati dirección (f) de las capas
7	Gebirgsdruck (m) pressure of the ground pression (f) du massif	давленіе (n) горныхъ массъ pressione (f) del terreno presión (f) *ó* empuje (m) de las tierras
8	Scheiteldruck (m), Firstendruck (m) top pressure pression (f) du toit	давленіе (n) съ потолка выработки pressione (f) del cielo presión (f) del techo
9	Seitendruck (m) side pressure pression (f) des parois	давленіе (n) сбоку pressione (f) delle pareti presión (f) de las paredes
10	Sprengung (f) des Gesteins rock-blasting sautage (m) de la roche, extraction (f) de la roche à la mine	взрываніе (n) горныхъ породъ *или* скалъ minare (v) la roccia, far (v) saltae la roccia voladura (f) de las rocas
11	Sprengarbeit (f) blasting abatage (m) par explosifs *ou* sautage	взрывныя *или* порохострѣльныя работы (f pl) lavoro (m) da minatore trabajo (m) por barrenos *ó* explosivos

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Sprengladung (f) blasting charge charge (f) explosive	зарядъ (m) взрывчатаго вещества carica (f) della mina carga (f) explosiva	1
Minengang (m) heading galerie (f) de mine	минная галлерея (f) galleria (f) da mina galeria (f) de mina	2
Sprengmittel (n) explosive explosif (m)	взрывчатое вещество (n) sostanza (f) esplosiva explosivo (m)	3
Sprengpulver (n), Schwarzpulver (n) gun powder poudre (f) noire	обыкновенный порохъ (m); чёрный порохъ polvere (f) pirica pólvora (f) negra	4
Nitroglyzerin (n) nitroglycerine nitroglycérine (f)	нитроглицеринъ (m) nitroglicerina (f) nitroglicerina (f)	5
Dynamit (n) dynamite dynamite (f)	динамитъ (m) dinamite (f) dinamita (f)	6
Sprenggelatine (f), Sprenggummi (m) nitrogelatine dynamite-gomme (f)	взрывчатая желатина (f); гремучій студень (m) gelatina (f) explosiva dinamita-goma (f)	7
Gelatinedynamit (n) gelatine dynamite dynamite-gélatine (f)	нитрожелатинный динамитъ (m); студенистый динамитъ dinamite-gelatina (f) dinamita-gelatina (f)	8
Sprengwirkung (f) explosive action force (f) explosive, effet (m) explosif	дѣйствіе (n) взрыва forza (f) esplosiva o effetto (m) esplosivo fuerza (f) explosiva, efecto (m) explosivo	9
Zünder (m) fuse allumeur (m), détonateur (m)	запалъ (m); затравка (f) spoletta (f), esca (f) explosor (m)	10
Zündschnur (f), Bickfordschnur (f) Bickford fuse mèche (f) [d'allumage], mèche (f) de Bickford	бикфордовъ шнуръ (m) cordone (m) accenditore, miccia (f) mecha (f), mecha (f) de Bickford	11

a

1	Zündpatrone (f) cartridge cartouche (f)	зажигательный патронъ (m); запальный патронъ cartuccia (f) d'accensione cartucho (m)
2	Zündkapsel (f) cap capsule (f)	капсюль (m) capsula (f) d'accensione cápsula (f)
3	Handzündung (f) hand firing allumage (m) à la main	ручной запалъ (m); воспламененіе (n) въ ручную accensione (f) a mano inflamación (f) á mano
4	elektrische Zündung (f) electric ignition allumage (m) par l'électricité	электрическій запалъ (m) accensione (f) elettrica inflamación (f) por la electricidad
5	Glühzünder (m) glow igniter allumeur (m) par incandescence	калильный запалъ (m) accensione (f) ad incandescenza inflamación (f) por incandescencia
6	Funkenzünder (m) spark igniter détonateur (m) à étincelles	искровой запалъ (m); запалъ электрическою искрою accensione (f) a scintilla explosor (m) de chispas
7	Sprengschuß (m) shot, blast coup (m) de mine	взрывъ (m) colpo (m) di mina barreno (m)
8	Sitzenbleiben (n) der Schüsse failing of the shots raté (m) d'allumage	отказъ (m) взрывовъ guastata (agg) *o* mancata (agg) accensione, ha fatto (v) cieca [hecho (m) de] faltar los barreros
9	Bohrung (f) drilling, boring, piercing percement (m), forage (m)	буреніе (n) perforazione (f) perforación (f), abertura (f)
10	Handbohren (n), Handbohrung (f) hand-drilling forage (m) à la main	буреніе (n) въ ручную perforare (v) a mano perforación (f) á mano
11	zweimänniges (dreimänniges) Bohren (n) drilling with two (three) hands perforation (f) par deux [trois] hommes	двухручное (трёхручное) буреніе (n) perforazione (f) con due *o* tre uomini perforación (f) con dos (tres) hombres

a

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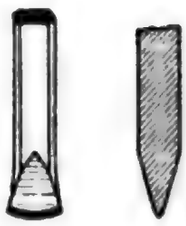
Bohrgezähe (n)
drilling tools *or* implements
attirail (m) *ou* outils (m pl) de forage

буровой инструментъ (m)
fioretto (m) da mina
útiles (m pl) *ó* herramientas (f pl) de perforación
1

Meißelbohrer (m), Bohrmeißel (m), Bohrer (m) mit einfacher Schneide
plain chisel, flat-ended chisel *or* drill
burin (m), fleuret (m), burin (m) à simple tranchant



долотчатый буръ (m); долото (n); долотообразный буръ
trivello (m) *o* scalpello (m) *o* foratore (m) a semplice taglio
barrena (f) de minero, barrena (f) de un solo corte
2

Kreuzbohrer (m)
cross-mouthed chisel *or* drill
fleuret (m) à double tranchant en croix *ou* en bonnet de prêtre

буръ (m) съ крестообразною коронкою
trapano (m) a croce
barrena (f) de dos cortes en cruz
3

Z-Bohrer (m), Bohrer (m) mit Z-förmiger Schneide
Z-mouthed chisel *or* drill
fleuret (m) à tranchant en Z

буръ (m) съ Z-образною коронкою
trapano (m) con punta a Z
barrena (f) con corte en Z
4

Diamantbohrer (m)
diamond drill
outil (m) *ou* fleuret (m) à diamant

алмазный буръ (m)
fioretto (m) a diamante
barrena (f) con diamante
5

Zylinderbohrer (m)
cylindrical drill
outil (m) cylindrique (à diamant)

цилиндрическій буръ (m)
fioretto (m) cilindrico a diamante
barrena (f) cilindrica con diamante
6

Anfangsbohrer (m)
short borer, pitching borer, jumper, gad, picker
fleuret (m) court *ou* pour le commencement du forage

забурникъ (m)
trivello (m) iniziatore
barrena (f) corta *ó* para empezar el agujero
7

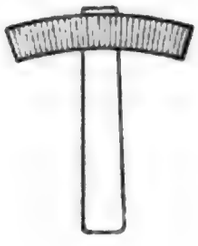
Mittelbohrer (m)
medium borer
fleuret (m) de moyenne grandeur

середовикъ (m)
trivello (m) di mezzo
barrena (f) de tamaño medio
8

Abbohrer (m)
long borer, long jumper
fleuret (m) long *ou* de finissage

оконечникъ (m); долгій буръ (m)
trivello (m) di fine
barrena (f) larga *o* para terminar el agujero
9

Bohrfäustel (n)
miner's hammer, borer's mallet
marteau (m) de forage, massette (f)



бурильный молотокъ (m)
mazza (f) a mano
mazo (m), martillo (m) minero
10

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leichtes Bohrfäustel (n), einmänniges Bohrfäustel (n)
1 light miners hammer
massette (f) légère, massette (f) pour un mineur

кіанка (f); массета (f)
mazzetta (f) leggera, mazzetta (f) da minatore
mazo (m) ligero, mazo (m) para un minero

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schweres Bohrfäustel (n), zweimänniges Bohrfäustel (n)
2 heavy miners hammer
massette (f) lourde, massette (f) à deux hommes

балда (f)
mazzetta (f) pesante, mazzetta (f) a due nomini
mazo (m) pesado, mazo (m) para dos hombres

Schlagbohrer (m)
3 percussion drill
burin (m)

забойный буръ (m)
trapano (m) a percussione
barrena (f)

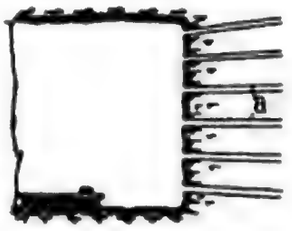
Drehbohrer (m)
4 rotary drill
tarière (f)

коловоротъ (m)
trapano (m) a torsione
taladro (m)

Stoßbohrer (m)
5 percussion borer
fleuret (m) à percussion, barre (f) de mine

ударный буръ (m)
trivello (m) a percussione
barrena (f) de percusión

Bohrloch (n)
6 bore-hole
trou (m) *ou* fourneau (m) de mine



буровая скважина (f)
foro (m) da mina
mina (f), agujero (m) perforado con barrena, barreno (m)

Setzen (n) des Bohrers
7 setting the borer *or* drill
replacement (m) du fleuret

вращательное движеніе (n) бура
piantare (v) il trivello
colocatión (f) de la barrena

Fuchs (m), verbohrtes Loch (n)
8 untrue *or* irregular shot-hole
trou (m) de mine irrégulier

неправильная буровая скважина (f)
fare (v) cieca
agujero (m) ó barreno (m) irregular

Bohrmehl (n)
9 borings, bore-dust, stone-dust, chips
farine (f) de sondage *ou* forage

буровая мука (f)
farina (f) del foro da mina
polvo (m) ó harina (f) del barreno

Schmand (m), Bohrschlamm (m)
10 slime, sludge
boue (f) de sondage *ou* forage

муть (f) изъ буровой муки, разведённой водой
poltiglia (f) del foro, melma (f) del foro
barro (m) del barreno

Krätzer (m), Schlammlöffel (m)
fluke, sludger, scraper, spoon
curette (f)

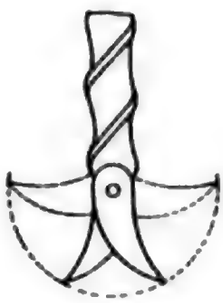
ложка (f) для чистки скважины; чищалка (f)
raspino (m) *o* raschiatore (m), cucchiaio (m) da poltiglia
saca-barro (m), raspador (m)

1

Bohrdeckel (m)
hole-cover
bouchon (m) de trou de mine, bourrage (m)

вѣнчикъ (m) *или* прикрышка (f) для предохраненія отъ брызговъ буровой мути
coperchio (m) del foro da mina *o* tappo (m) del foro da mina
tapón (m) de barreno

2



Aushöhler (m), Exkavator (m)
excavator
excavateur (m) [pour trous de mines]

расширитель (m)
escavatore (m)
excavador (m) [para barrenos]

3

Maschinenbohrung (f)
machine-drilling
forage (m) *ou* perforation (m) mécanique

механическое *или* машинное буреніе (n)
foratura (f) a macchina, perforazione (f) meccanica
perforación (f) mecánica

4

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elektrische Bohrung (f)
electric drilling
perforation (f) électrique

электрическое буреніе (n); буреніе электрическими бурильными машинами
perforazione (f) elettrica
perforación (f) eléctrica

5

Bohrung (f) mit Druckluft, pneumatische Bohrung (f)
pneumatic drilling
perforation (f) par l'air comprimé, perforation (f) pneumatique

буреніе (n) машинами для сжатаго воздуха; пневматическое буреніе
perforazione (f) all'aria compressa, perforazione (f) pneumatica
perforación (f) por aire comprimido, perforación (f) neumatica

6

Bohrung (f) mit Druckwasser
hydraulic drilling
perforation (f) hydraulique

гидравлическое буреніе (n); буреніе гидравлическими машинами
perforazione (f) idraulica
perforación (f) hidráulica

7

Gesteinsbohrmaschine (f)
rock-boring machine, rock-drill
perforatrice (f) de roche, haveuse (f)

камнебурильная машина (f)
perforatrice (f) da roccia
[maquina(f)] perforadora de roca

8

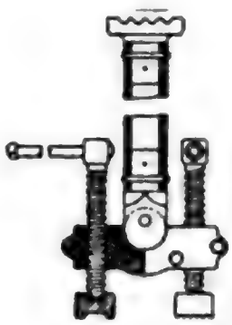
Stoßbohrmaschine (f)
1 percussion drill
perforatrice (f) percutante *ou* à percussion

ударная бурильная *или* буровая машина (f)
perforatrice (f) a percussione
perforadora (f) de percusión

Drehbohrmaschine (f)
2 rotary rock-drill
perforatrice (f) rotative

забойная буровая машина (f); вращательная бурильная машина; сверлильная машина
perforatrice (f) rotativa
perforadora (f) rotatoria

Bohrsäule (f)
3 boring pillar *or* standard
colonne (f) de perforatrice



распорная колонка (f) для бурильной *или* буровой машины
affusto (m) a colonna
columna (f) [soporte] de la perforadora

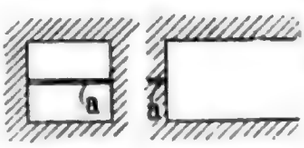
Bohrgestell (n)
4 boring frame, boring trestle
bâti (m) de perforatrice

козлы (m pl) для установки бура; штативъ (m) для буровой машины
sopporto (m) della perforatrice
bastidor (m) de la perforadora

Einbruchmachen (n)
5 to cut, to hole, to trench, to break ground
entaillage (m) préliminaire

дѣлать врубъ *или* вломъ
fare (v) il primo intaglio
entalladura (f) preliminar

Schram (m)
6 cutting, holing, kerving
recoupe (f), première entaille (f)



a

шпуръ (m) для вруба *или* для влома
solco (m) *o* intaglio (m) nella roccia *o* nello strato
corte (m), socava (f) preliminar

einfallende Schichten (f pl)
7 layers with inclination towards the miner
couches (f pl) inclinées de bas en haut *ou* remontantes

восходящіе пласты (m pl)
strati (m pl) inclinati
capas (f pl) ascendentes

abfallende Schichten (f pl)
8 layers with inclination off the miner
couches (f pl) inclinées *ou* plongeantes

нисходящіе пласты (m pl)
strati (m pl) cadenti
capas (f pl) descendentes

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Absteckung (f) der Tunnelachse
laying out the tunnel axis
jalonnage (m) de l'axe du tunnel

разбивка (f) оси тоннеля
segnare (v) *o* tracciare (v) l'asse del tunnel con biffe
alineamento (m) del eje del túnel *1*

Gesteinswärme (f)
rock heat
[élévation (f) de] température (f) des roches

возвышеніе (n) температуры въ горныхъ выработкахъ
elevamento (m) di temperatura nelle roccie
elevación (f) de la temperatura de las rocas *2*

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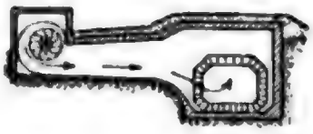
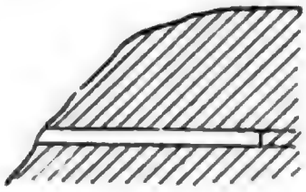
künstliche Lüftung (f)
artificial ventilation
aérage (m) artificiel



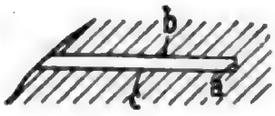
искусственная вентиляція (f)
aerazione (f) artificiale
ventilación (f) artificial *3*

Stollen (m)
heading
galerie (f)



штольна (f); штольня (f)
galleria (f)
galería (f) *4*

Stollenort (n), Stollenbrust (f), Ortstoß (m)
working face
front (m) de taille (d'une galerie)



штоленный забой (m)
testata (f) *o* fronte (f) della galleria di avanzata
frente (m) [de una galería] *5*

First (f), Dach (n)
roof, crown
toit (m)

b

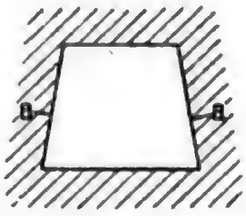
потолокъ (m)
cielo (m) dello scavo
techo (m) *6*

Sohle (f)
bottom, sole
mur (m) (d'une couche), sol (m) (de la galerie)

c

подошва (f)
suolo (m) dello scavo
suelo (m), piso (m) *7*

Seitenstoß (m), Stoß (m), Ulme (f)
wall
paroi (f) latérale [de galerie]



a

боковая стѣна (f) штоленной выработки
parete (f) laterale
costado (m), pared (f) lateral, hastial (m) *8*

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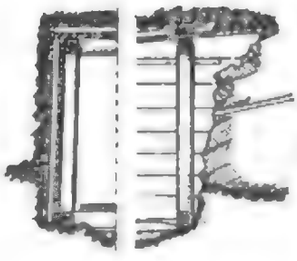
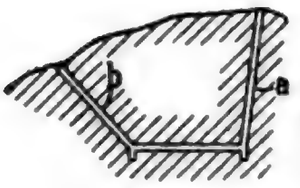
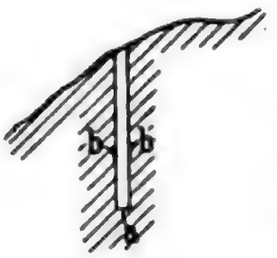
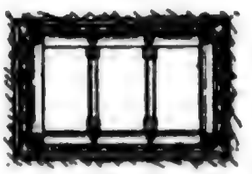
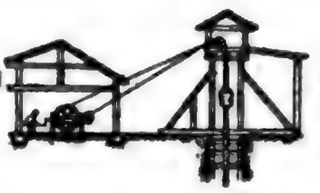
den Stollen vortreiben (v) *oder* treiben (v) *oder* auffahren (v)
to drive a heading
avancer (v) *ou* pousser (v) une galerie

проводить штольну
la galleria avanza (v), procede (v)
abrir (v) *ó* avanzar (v) una galería *9*

Vortrieb (m) des Stollens
driving of the heading
avancement (m) de la galerie au front



успѣхъ (m) работы по выдвиганію штольни впередъ
avanzamento (m) della galleria *o* del cunicolo
avance (m) de la galería al frente *10*

Schacht (m) 1 shaft puits (m), bure (f)	 a, b	шахта (f) pozzo (m) pozo (m)
saigerer Schacht (m) 2 perpendicular shaft puits (m) vertical	a	вертикальная шахта (f) pozzo (m) verticale pozo (m) vertical
donlägiger Schacht (m) 3 inclined shaft puits (m) oblique	b	наклонная шахта (f) pozzo (m) inclinato pozo (m) oblicuo
Schachtsohle (f) 4 bottom of shaft fond (m) d'un puits	 a	почва (f) *или* забой (m) шахты suolo (m) del pozzo fondo (m) de pozo
Schachtstoß (m) 5 shaft wall paroi (m) d'un puits	b	стѣнка (f) шахты parete (f) di pozzo pared (f) de pozo
Schachttrum (n), Schachtabteilung (f) 6 shaft section tronçon (m) de puits		отдѣленіе (n) шахты tronco (m) di pozzo división (f) de un pozo
den Schacht niederteufen (v) *oder* abteufen (v) 7 to sink the shaft approfondir (v) un puits, foncer (v) un puits		углублять *или* проводить шахту approfondire (v) il pozzo profundizar (v) el pozo
Förderschacht (m) 8 hauling shaft puits (f) d'extraction		подъёмная шахта (f) pozzo (m) d'estrazione pozo (m) de extracción
Luftschacht (m) 9 air shaft puits (m) d'aérage		воздушная шахта (f) pozzo (m) d'aerazione pozo (m) de ventilación
Tunnelstollen (m) 10 heading galerie (f) de tunnel		штольня (f) тоннеля; направляющая галлерея (f) тоннеля cunicolo (m) di galleria galería (f) de túnel
Richtstollen (m) advance heading, drift- 11 way galerie (f) de direction, galerie (f) d'avancement		направляющая галлерея (f) *или* штольня (f) cunicolo (m) di direzione galería (f) de dirección *ó* de avance

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Sohlstollen (m)
bottom heading
galerie (f) de fond, galerie (f) d'avancement inférieure

a

подошвенная штольня (f) *или* штольна (f)
cunicolo (m) d'avanzamento inferiore
galeria (f) baja, galeria de avance inferior 1

Aufbruch (m)
shaft from bottom heading to top of arch
ouverture (f) dans le toit de la galerie de fond, remontée (f)

a

проработка (f); проломъ (m)
foro (m) d'uscita
realce (m) 2

Firststollen (m)
top heading
galerie (f) de faîte, galerie (f) d'avancement supérieure

a

ключевая *или* верхняя штольня (f)
cunicolo (m) d'avanzamento alla sommità
galeria (f) alta, galeria (f) de avance superior 3

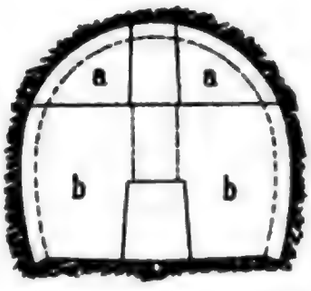
Sohlenschlitz (m)
bottom opening
entaille (f) dans le sol (de la galerie de faîte)

подошвенный шпуръ (m)
fenditura del suolo
socava (f) en el suelo (de la galeria) 4

Vollausbruch (m)
excavation of full section
section (f) dont l'abatage est complet

сплошная *или* полная разработка (f); выемка (f) полнымъ профилемъ
foro (m) completo
sección (f) excavada por completo 5

Bogenausweitung (f)
widening out to full section of arch
abatage (m) de la voûte



a

ключевая разработка (f)
allargamento (m) della curva
ensanche (m) de la bóveda 6

Strosse (f)
side gallery
gradin (m) droit, strosse (f)

b

штросса (f); боковая разработка (f)
strozzetto (m)
grada (f) derecha 7

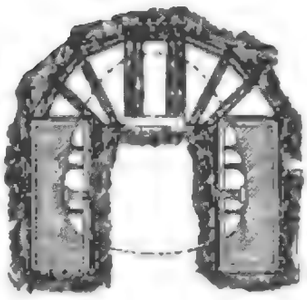
Ausbruchquerschnitt (m)
working face
coupe (f) transversale du percement, section (f) sans revêtement

поперечное сѣченіе (n) разработаннаго профиля
sezione (f) di scavo
sección (f) excavada total 8

Durchschlag (m) des Tunnels
meeting of advance headings
rencontre (f) des galeries du tunnel

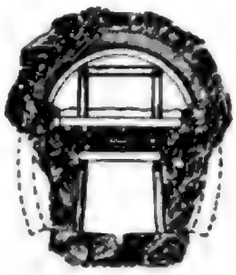
пробивка (f) тоннеля
traforo (m) d'una galleria
perforación (f) del túnel 9

1 deutsche Tunnelbauweise (f), Kernbau (m)
German method of tunnel driving
percement (m) suivant le système (m) allemand, construction (f) avec noyau



нѣмецкій способъ (m) сооруженія тоннелей
metodo (m) di costruzione di galleria alla tedesca, perforazione (f) a massello
sistema (m) alemán de perforación, construcción (f) con núcleo

2 belgische Tunnelbauweise (f)
Belgian method of tunnel driving
système (m) de construction belge

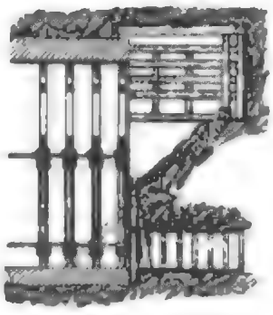


бельгійскій способъ (m) сооруженія тоннелей
metodo (m) di costruzione di gallerie belgo
sistema (m) belga de construcción

3 Unterfangen (n) des Gewölbes
upbolding the arch
étal (m) latéral de la voûte, soutènement (m) de la voûte

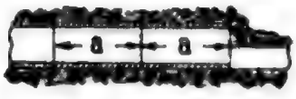
опоры (f pl) *или* устои (m pl) свода
stato (m) laterale della volta
puntal (m) lateral de la bóveda

4 englische Tunnelbauweise (f)
English method of tunnel driving
système (m) de construction anglais



англійскій способъ (m) сооруженія тоннелей
metodo (m) di costruzione di gallerie inglese
sistema (m) inglés de construcción

5 Zone (f), Vorbruchlänge (f)
section, length
section (f) abattue *ou* longueur (f) d'avancement



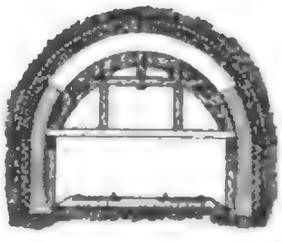
a

длина (f) выемки по всей профили
zona (f) d'avanzata *o* cunicolo d'avanzata
sección (f) excavada *ó* longitud de avance

6 österreichische Tunnelbauweise (f)
Austrian method of tunnel driving
système (m) de construction autrichien

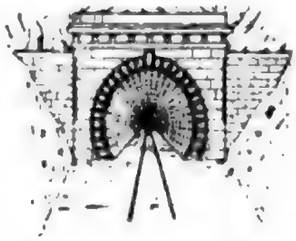
австрійскій способъ (m) сооруженія тоннелей
metodo (m) di costruzione di galleria austriaco
sistema (m) austriaco de construcción

7 amerikanische Bauweise (f)
American method of tunnel driving
système (m) de construction américain



американскій способъ (m) сооруженія тоннелей
metodo (m) di costruzione di galleria americano
sistema (m) americano de construcción

8 Tunnelmundloch (n)
tunnel opening
débouché (m) du tunnel



устье (n) тоннеля
sbocco (m) del tunnel
boca (f) del túnel

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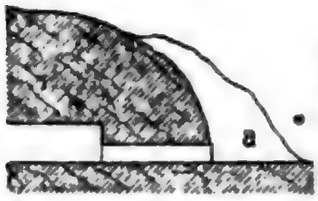
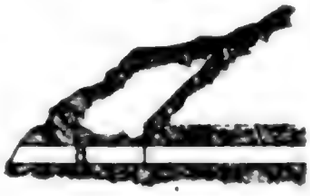
Voreinschnitt (m)
approach cutting
tranchée (f) d'accès



a

подходная выемка (f)
trincea (f) d'accesso *o* d'approccio
trinchera (f) de acceso 1

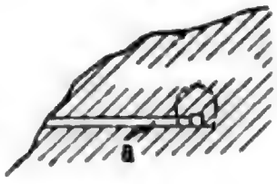
Einschnittstollen (m)
advance heading through cutting
galerie (f) d'accès



a

подходная штольня (f)
trincea (f) di galleria
galeria (f) de acceso 2

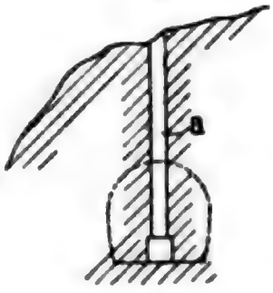
Seitenstollen (m)
lateral *or* side adit
galerie (f) perpendiculaire (à la galerie d'accès *ou* galerie (f) latérale



a

боковая штольня (f)
galleria (f) laterale
galeria (f) lateral 3

Tunnelschacht (m)
tunnel shaft
puits (m) [d'accès] de tunnel



a

тоннельная шахта (f); шахта для прорытія тоннеля
pozzo (m) per galleria
pozo (m) [de acceso] de túnel 4

Mundlochschacht (m)
tunnel face shaft
puits (m) au débouché de la galerie

a

забойная шахта (f); открытая шахта
bocca (f) del foro del pozzo
pozo (m) en la bocamina 5

Förderung (f)
hauling, raising, conveying
transport (m)

отвозка (f) разработанной породы
avanzamento (m)
transporte (m), acarreo (m) 6

Tageförderung (f)
conveying above ground
transport (m) au jour

отвозка (f) породы по поверхности земли
avanzamento(m) a pieno giorno
transporte (m) ó acarreo (m) á cielo abierto 7

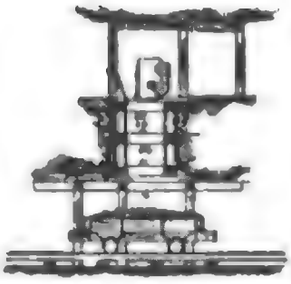
Stollen- *oder* Streckenförderung (f)
hauling through adit
transport (m) dans les *ou* par les galeries

отвозка (f) породы по штольнѣ
avanzamento (m) della galleria
transporte (m) ó acarreo (m) por las galerías 8

Förderstollen (m)
adit
galerie (f) de roulage

откаточная штольня (f)
cunicolo (m) di trasporto *o* di servizio
galeria (f) de acarreo 9

Rolloch (n), Schüttloch (n)
1 shoot-hole
cheminée (f) de déversement

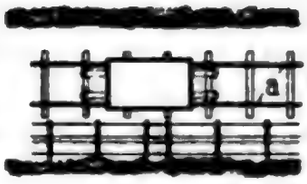


спусковое отверстіе (n), соединяющее ключевую штольню съ подошвенной
foro (m) di scaricamento o di ribaltamento
chimenea (f) de carga

Füllkorb (m)
2 basket
benne (f) de déversement

загрузочная корзина (f); кузовъ (m)
cesto (m) di riempimento
cesto (m) de carga

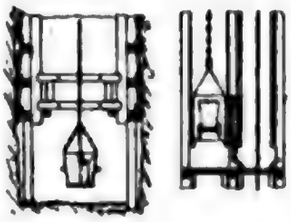
Fördergestänge (n), Rollbahn (f)
3 mine track *or* roadway
voie (f) de roulement [pour brouette]



a

путь (m) для откатки разработанной породы
binario (m) da trasporto
via (f) de acarreo ó de transporte

Schachtförderung (f)
4 shaft hauling
extraction (f) par le puits



подача (f) [удаленіе (n)] породы по шахтѣ
estrazione (f) per via di un pozzo
extracción (f) por los pozos

Zimmerung (f), Bölzung (f)
5 timbering
boisage (m), charpente (f)

[деревянное] крѣпленіе (n)
armatura (f) a cassa
entibación (f), encubado (m) con puntales

Stollenzimmerung (f)
6 timbering of heading
boisage (m) de la galerie

крѣпленіе (n) штольни
armatura (f) a cassa di galleria
entibación (f) de la galería

---

einfache Zimmerung (f)
7 simple timpering
étayement (m) sommaire *ou* boisage (m) simple

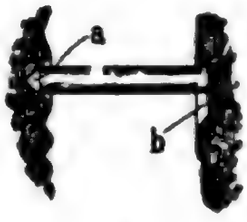
простое крѣпленіе (n)
armatura (f) semplice, sbadacchiatura (f)
entibación (f) sencilla

Kappe (f)
8 head tree
poutre (f) transversale supérieure *ou* chapeau (m)

a

перекладъ (m); подхватный брусъ (m); капа (f)
soffitto (m), lato corto del telaio di un pozzo
puente (m)

Buhnloch (n)
hole for nog
9 mortaise (f) *ou* trou (m) dans la paroi pour la poutre transversale



a

круглое гнѣздо (n) подъ перекладъ
foro (m) di impalcatura
muesca (f) [en la pared] para colocar las traviesas

Anfall (m), Einstrich (m)
pocketing *or* spreading hole
entaille (f) (de la paroi) pour le placement des traverses

b

удлинённое гнѣздо (n) подъ перекладъ
attacco (m) intaglio, incastro (m)
hendidura (f) de la pared

1

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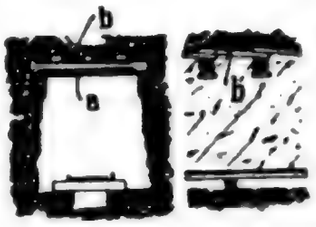
zusammengesetzte Zimmerung (f)
combined timbering
charpente (f) assemblée

сложное крѣпленіе (n)
armatura (f) composta
entibación (f) compuesta

2

Firstverzug (m), Firstverzimmerung (f)
top timbering
boisage (m) du toit, boisage (m) supérieur



потолочная крѣпь (f)
cielo (m) della armatura a cassa
entibación (f) del techo, encubado (m) superior

3

Hauptholz (n)
main joist, traverse
boisage (m) principal (supportant la pression)

a

главная *или* основная крѣпь (f)
legno (m) principale *o* definitivo
entibación (f) principal (que soporta la presión)

4

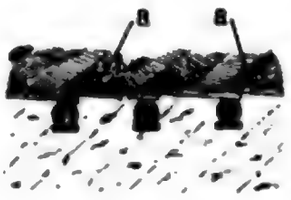
Ausfüllungsholz (n), Verzugsholz (n), Füllungsholz (n), Pfahl (m), Lade (f)
lath, lagging, poling board
bois (m pl) de remplissage *ou* garniture

b

дополнительныя части (f pl) крѣпленія
legname (m) di riempimento
maderos (m pl) de relleno *ó* de revestimiento

5

Versatz (m)
packing
remplissage (m) *ou* remblai (m)

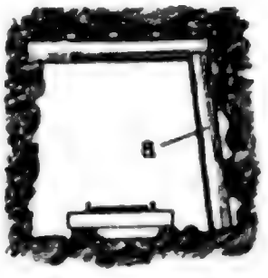


a

порода (f), заполняющая промежутокъ между потолкомъ и пластинами
materiale (m) di riempimento
relleno (m)

6

Stempel (m)
prop, stay, stanchion, forks, puncheon
étançon (m) *ou* montant (m) vertical

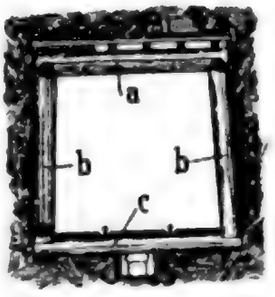


a

стойка (f)
puntello (m)
puntal (m), montante (m)

7

Türstockzimmerung (f)
gallery frame, timbering
boisage (m) en porte



крѣпленіе (n) обвязками
armatura (f) del cunicolo
entibación (f) en marco

8

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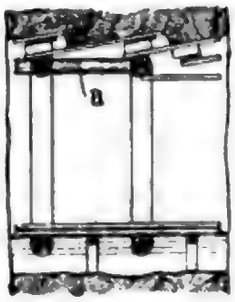
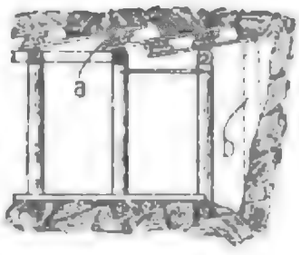
1	Türstock (m), Stollenzimmer (n), Stollengevier (n) square set *or* setting, doorstead, doorcase cadre (m) du boisage (de galerie)	a, b, c	деревянная рама (f) *или* обвязка (f) cunicolo (m) quadrato marco (m) de entibación
2	Türstocksäule (f), Ständer (m) prop, stay, stanchion montant (m) de cadre	b	стойка (f) colonna (f) del cunicolo, puntelli (m pl) montanti montante (m) de marco
3	Grundsohle (f), Schwelle (f) sole timber semelle (f) de cadre	c	лежень (m) suolo (m) di base, traversina (f) del suolo solera (f) de marco
4	Fußpfahl (m) stay sill piéce (f) *ou* cale (f) d'appui du montant	 a	подушка (f) piede (m) del palo da mina *o* del tavolone pieza (f) *ó* calzo (m) de apoyo del montante
5	Sprengbolzen (m) stretcher étrésillon (m) entre cadres	 a	распорка (f); клинъ (m) caviglia (f) da sostegno puntal (m) entre marcos
6	Verpfählung (f) poling boards boisage (m) du toit en palplanches		расклиниванiе (n) rivestimento (m) con tamburi entibación (f) del techo por estacas
7	Pfändung (f) blocks serrage (m) des palplanches par coin	a	доска (f) между перекладомъ и клиньями assicuramento (m) entibación (f) por estacas (de una galería hundida)
8	Pfandlatte (f) packing lath planche (f) d'affermissement, otage (m)		доска (f) для крѣпленiя caposaldo (m) plancha (f) de relleno
9	Pfandkeil (m) packing wedge coin (m) d'affermissement		клинъ (m), загоняемый между крѣпью и породою cuneo (m) di caposaldo cuña (f) de relleno

Hilfszimmer (n)
auxiliary stay *or* prop
cadre (m) accessoire *ou* provisoire

b

вспомогательная крѣпь (f)
camera (f) ausiliare
marco (m) accesorio *ó* provisional

1

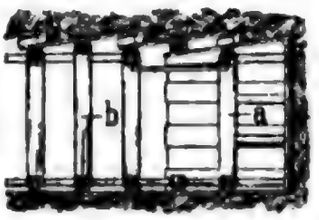
---

die Türstöcke stehen Mann an Mann
the settings are arranged closely
les montants (m pl) du cadre se touchent

сплошной рядъ (m) примыкающихъ другъ къ другу рамъ
i puntelli sono immediati sussguenti
los montantes del marco se tocan

2

Getriebezimmerung (f)
advance timbering
boisage (m) précédant l'abatage



забивная крѣпь (f)
armatura (f) a tavoloni
entibación (f) que precede á la excavación

3

Ansteckzimmer (n), Haupttürstock (m)
advance setting
cadre (m) contre le front d'avancement

a

главная рама (f) *или* обвязка (f)
camera (f) di accensione, puntello (m) principale
marco (m) opuesto al frente de avance

4

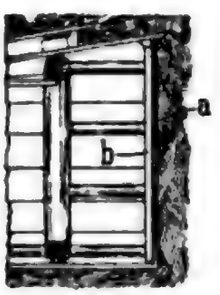
Hilfstürstock (m), Mittelgevier (n), Hilfsbau (m)
auxiliary setting
cadre (m) intermédiaire

b

вспомогательная рама (f) *или* обвязка (f)
pezzi (m pl) ausiliari, pezzi (m pl) intermedi
marco (m) intermedio

5

Zumachebrett (n)
breast board
planche (f) de soutènement



a

горизонтальная доска (f) забоя
tavolato (m) di chiusa
tabla (f) de sostén

6

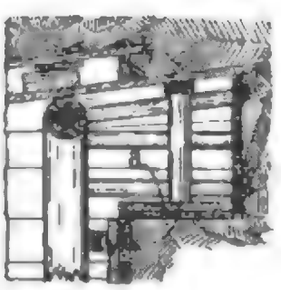
Anlegholz (n)
bar
palplanche (f) de soutènement

b

вертикальная доска (f) забоя
travetti (m pl) correnti per centina
estaca (f) de sostén

7

Stufenbrett (n)
bench board
planche (f) de recouvrement des gradins



a

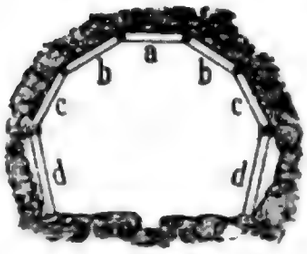
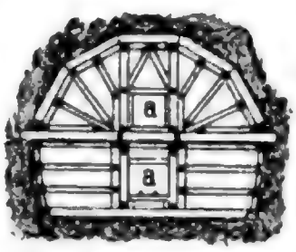
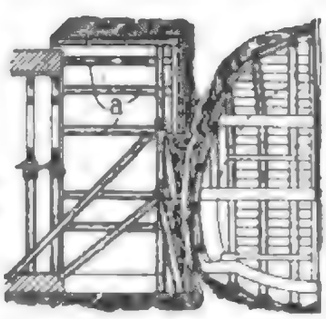
доска (f) ступени
tavolato (m) a scalino
tabla (f) que recubre las gradas

8

Tunnelzimmerung (f)
tunnel timbering
boisage (m) *ou* ferme (f) de tunnel

тоннельная крѣпь (f)
tavolato (m) di galleria
entibación (f) de túnel

9

1	Sparrenzimmerung (f) rafter timbering boisage (m) *ou* ferme (f) cintré(e)		стропильная крѣпь (f); тоннельная крѣпь съ поперечными рёбрами и съ продольною опалубкою armatura (f) a saetta entibación (f) de cimbra
2	Sparrenzimmer (n) rafter set *or* setting cintre (m)	a, b, c, d	стропильная рама (f) *или* обвязка (f) armatura (f) poligonale cimbra (f)
3	Sparren (m) rafter chevron (m) *ou* étançon (m) convergent	b	стропило (n); подкосъ (m) saette (f pl) dell' armatura cabrio (m)
4	Sparrenfuß (m) rafter foot chevron (m) inférieur	c	стропильная нога (f) piede (m) delle saette pie (m) de cabrio, cabrio (m) inferior
5	Schar (f) scar in the traverses of a pit assemblage (m) dans un bois rond		круглый пазъ (m) для врубки двухъ круглыхъ брёвенъ strozzatrice (f) ensambladura (f) ó mortaja (f) en un madero redondo
6	Verschalung (f) timbering cuvelage (m), tubage (m), revêtement (m)		опалубка (f) tavolato (m) di guarnizione *o* di tubazione encubado (m), entubado (m)
7	Gespärre (n) timber work chevronnage (m)		стропильная ферма (f) travetti (m pl) cabriolaje (m)
8	Bockgespärre (n) supporting timber work étançons (m pl) de support du chevronnage	a	подкосные козлы (m pl) affusto (m) a saette puntales (m pl) de soporte del cabriolaje
9	Jochzimmerung (f), Barrenzimmerung (f) crown-bar timbering boisage (m) des longs côtés, boisage (m) entre montants		тоннельная крѣпь (f) съ продольными рёбрами и съ поперечною опалубкою tavolato (m) principale del giogo, telaio (m) di un armatura entibación (f) entre montantes

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Kronbalken (m), Joch (n), Barren (m)
crown-bar
madrier (m) *ou* solive (f) dans l'axe de la galerie

a

главная продольная балка (f)
travo (m) a corona armato
madero (m) *ó* viga (f) de un marco de la galería

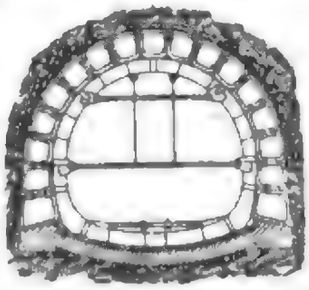
1

Zentralstrebenzimmerung (f)
English-Austrian method of timbering
étayage (m) central

крѣпленіе (n) по прусской системѣ
armamento (m) centrale di sostegno
apuntalamiento (m) de la parte central

2

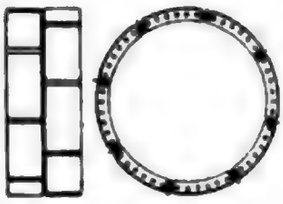
Eisenrüstung (f)
iron framing
cadre (m) *ou* armature (f) métallique



желѣзное крѣпленіе (n)
armamento (m) in ferro
marco (m) *ó* armadura (f) metálica

3

Tunnelring (m), Tunnelrahmen (m)
tunnel ring
virole (f) de tunnel



кольцо (n) тоннеля
anello (m) di galleria
anillo (m) *ó* trozo (m) del túnel

4

Schachtzimmerung (f)
shaft timbering
boisage (m) de puits

крѣпленіе (n) шахтъ
rivestimento (m) in legno del pozzo
revestimiento (m) de pozo

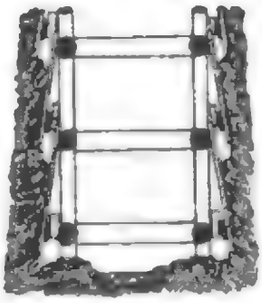
5

Schachtgevier (n), Schachtkranz (m), Schachtzimmer (n)
shaft set *or* setting
cadre (m) de puits, trousse (f) de puits

вѣнецъ (m) шахтенной крѣпи
telaio (m) dell'armatura del pozzo, inquadratura (f) del pozzo, camera (f) del pozzo
marco (m) *ó* madro (m) de pozo

6

Bolzenschrotzimmerung (f)
shaft timbering with strut-bolts
boisage (m) par cadre et portants



крѣпленіе (n) вѣнцами, устанавливаемыми на нѣкоторомъ разстояніи другъ отъ друга
armatura (f) con sostegni
encubado (m) con puntales

7

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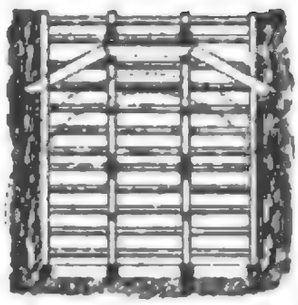
ganze Schrotzimmerung (f)
shaft timbering with continuous sets
boisage (m) en cadres jointifs

крѣпленіе (n) сплошнымъ срубомъ
armatura (f) completa con sostegni in legname
encubado (m) con marcos unidos

8

1 wasserdichte Schachtzimmerung (f)
watertight shaft timbering
revêtement (m) *ou* boisage (m) étanche d'un puits

кювелляжъ (m)
inpermeabile rivestimento (m) in legno del pozzo
revestimiento (m) estanco de un pozo



2 Schachtstuhl (m)
shaft bottom, soldier frame
charpente (f) supportant le boisage du puits

шахтенный стулъ (m)
sedile (m) del pozzo
andamiaje (m) que soporta el revestimiento del pozo

---

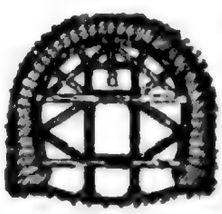
3 Schachtsumpf (m)
tump
puisard (m), bougnou (m) (Belgique)

зумпфъ (m)
pozzo (m) di palude
sumidero (m) [en el fondo] de un pozo

---

4 Tunnelmauerung (f)
tunnel lining
maçonnerie (f) de tunnel

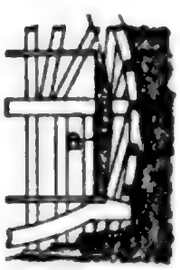
обдѣлка (f) тоннеля каменною кладкою
rivestimento (m) della galleria con muratura
mamposteria (f) del túnel



a

5 Lehrgerüst (n), Lehrbogen (m)
form, skeleton rib centre, centre, center (A), centering
[châssis (m) pour] gabarit (m)

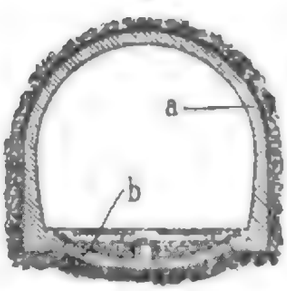
кружало (n)
impalcatura (f) dell'arco
marco (m) *ó* arco (m) para gálibo



a

6 Profillehre (f)
profile form
gabarit (m)

шаблонъ (m)
sagoma (m) del profilo
gálibo (m), gabarit (m)



a

7 Tunnelwand (f)
side wall of tunnel
paroi (f) de tunnel

стѣнка (f) тоннеля
parete (f) della galleria
pared (f) del túnel

---

8 Tunnelscheitel (m), Tunnelfirst (m)
soffit, crown of the arch
faîte (m) de tunnel

ключъ (m) *или* шелыга (f) тоннеля
chiave (f) della galleria
vértice (m) *ó* cima (f) del túnel

---

9 Tunnelsohle (f)
sole *or* bottom of tunnel
sol (m) du tunnel

подошва (f) тоннеля
suolo (f) della galleria
suelo (m) del túnel

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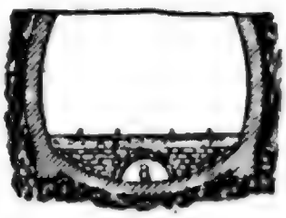
Sohlengewölbe (n)
invert of tunnel
radier (m) à voûte renversée

b

обратный *или* опрокинутый сводъ (m); почвенный сводъ
galleria (f) ad arco rovescio
bóveda (f) invertida *1*



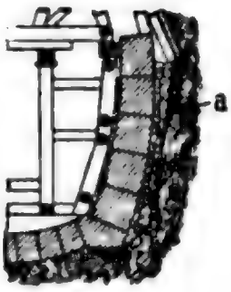
Sohlenkanal (m)
bottom channel
rigole (f) dans le sol

подподошвенный водоотводъ (m)
canaletto (m) nel suolo
canal (m) en el suelo *2*

a

Tunnelwiderlager (n)
tunnel abutment
pied (m) droit du tunnel

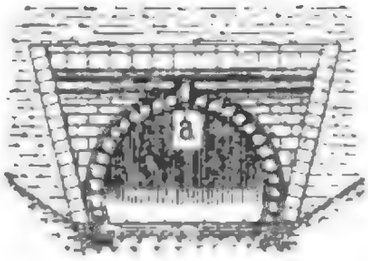
опорная *или* подпорная стѣна (f) тоннеля
piedritto (m) del tunnel
pie (m) derecho del túnel *3*



Hintermauerung (f)
packing
remplissage (m) derrière la maçonnerie

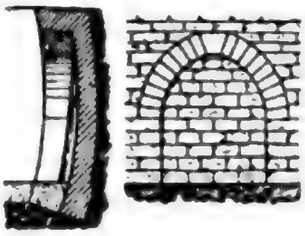
забутка (f)
muratura (f) retrostante
relleno (m) por detrás de la mampostería *4*

a



Tunnelportal (n)
portal, tunnel front, tunnel face
tête (f) de tunnel

порталъ (m) *или* въѣздъ (m) *или* голова (f) тоннеля
fronte (f) *o* frontone (m) della galleria
cabeza (f) *ó* frente (m) *ó* boca (f) de túnel *5*



Tunnelnische (f)
man-hole
niche (f) de tunnel

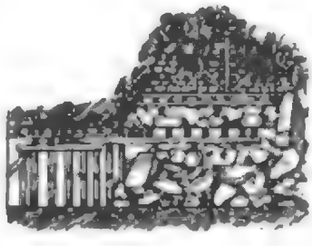
ниша (f) въ стѣнѣ тоннеля
nicchia (f) della galleria
nicho (m) de túnel *6*

Wasserabzugsgraben (m), Wasserrösche (f)
catch-drain, catch-water drain
rigole (f) d'écoulement

водоотводная канава (f); водоотводный каналъ (m)
cunetta (f)
cuneta (f), desaguadero (m) *7*

Gewölbekappe (f)
vault head
voûte (f) de revêtement

распалубка (f) свода
volta (f) di rivestimento
bóveda (f) de revestimiento *8*



Tunnelbruch (m)
collapse of tunnel
écroulement (m) d'un tunnel

обвалъ (m) тоннеля
rottura (f) di galleria
hundimiento (m) de un túnel *9*

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1	Tagebruch (m) sinking of an open mine abatage (m) au jour *ou* à ciel ouvert	разработка (f) на открытой поверхности земли rottura (f) *o* demolizione (f) a cielo aperto explotación (f) á cielo abierto
2	Mundlochbruch (m), Portalbruch (m) sinking of an entrance shaft éboulement (m) à l'ouverture *ou* à l'entrée	обвалъ (m) портала *или* головы *или* устья franamento (m) all'ingresso *od* all'entrata hundimiento (m) en la boca *ó* en la entrada de la mina
3	Firstenbruch (m) top shaft sinking éboulement (m) du toit	обвалъ (m) потолка franamento (m) del tetto *o* del colmo hundimiento (m) del techo
4	Sohlenbruch (m) bottom shaft sinking crévasse (f) du sol	трещина (f) въ подошвѣ crepaccio (m) nel suolo hundimiento (m) del suelo
5	Ortbruch (m) localised sinking éboulement (m) localisé	мѣстный обвалъ (m); локализированный обвалъ franamento (m) localizzato hundimiento (m) localizado
6	Ulmenbruch (m) side wall sinking abatage (m) des parois, rupture (f) des parois	обвалъ (m) боковыхъ стѣнъ demolizione (f) delle pareti, rottura (f) delle pareti hundimiento (m) de las paredes
7	Verdrückung (f) des Gewölbes deformation of the vault écrasement (m) *ou* déformation (f) de la voûte	деформація (f) свода schiacciamento (m) della volta contracción (f) *ó* deformación (f) de la bóveda
8	Einbruch (m) des Mauerwerkes bursting of the brickwork rupture (f) de la maçonnerie	обрушеніе (n) каменной кладки rottura (f) della muratura hundimiento (m) de la mampostería
9	Senkung (f) im Scheitel sagging at the top affaissement (m) à la clé	осѣданіе (n) шелыги свода abassamento (m) in chiave depresión (f) en la clave
10	Durchhängen (n) des Gewölbes sagging of the vault affaissement (m) de la voûte	осѣданіе (n) свода abassamento (m) della volta depresión (f) de la bóveda

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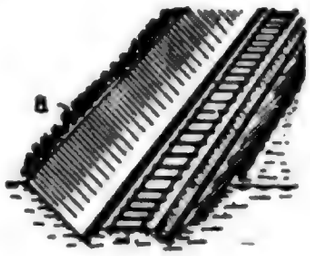
Gewölbeerneuerung (f) renewal of the vault réfection (f) *ou* reconstruction (f) de la voûte	перестройка (f) свода rifacimento (m) *o* ricostruzione (f) della volta reconstrucción (f) de la bóveda	*1*
Auffirsten (n), Abtreiben (n), Nachnehmen (n) des Profiles re-driving of tunnel rétablissement (m) du profil	возстановленіе (n) профиля ключа *или* шелыги riprendere (v) il profilo restablecimiento (m) del perfil	*2*
Zubehör **Railway Implements** **Dispositions particulières à certains points de la voie**	**Принадлежности** **Accessori** **Accesorios de la vía**	*3*
1. Einfriedigungen und Schutzanlagen **Fencing and Protective Works** **Clôtures et défenses**	**Ограды и мѣры предохраненія** **Chiusure e ripari** **Cercados y defensas**	*4*
Einfriedigung (f) fence, fencing clôture (f), enceinte (f)	огражденіе (n); ограда (f) chiusura (f), cinta (f) cerca (f), cercado (m)	*5*
Heckenzaun (m) hedge haie (f) de clôture	защита (f) изъ живой изгороди chiusura (f) di siepi vallado (m) *ó* cerca (f) de setos *ó* de zarzas	*6*
lebende Hecke (f) quickset hedge, living hedge haie (f) vive	живая изгородь (f) siepe (f) viva setos (m pl) vivos	*7*
tote Hecke (f) stake hedge, dead hedge haie (f) en bois mort	засохшая [живая] изгородь (f) siepe (f) morta *o* secca setos (m pl) secos	*8*
Lattenzaun (m) lattice fence clotûre (f) en lattes	тынъ (m) chiusure (f pl) in tavole cerca (f) de listones de madera	*9*
Bretterzaun (m) [close] boarded fence clôture (f) en planches	деревянный заборъ (m) chiusura (f) a cancellata di legno *od* a steccato vallado (m) *ó* cerramiento (m) de tablas	*10*



a

1 Stangengitter (n)
trellis fence, grille
grille (f) à barreaux

щитъ (m) изъ жердей: драневый щитъ
grata (f) di sbarre
enrejado (m) ó celosía (f) de barrotes

2 Schienenzaun (m)
post and rail fence
clôture (f) en rails

заборъ (m) изъ рельсъ
chiusura (f) di rotaie
cerca (f) de carriles

3 Drahtzaun (m), Drahteinfriedigung (f)
wire-net fencing
clôture (f) en fil métallique

проволочное огражденіе (n)
chiusura (f) a retticolato metallico
cerca (f) de alambre

4 Steineinfriedigung (f)
stone fence
clôture (f) en pierres

каменная ограда (f)
chiusura (f) di pietre
cercado (m) de piedra

5 Schutzgeländer (n)
protective fence
garde-corps (m)

перила (n pl)
protettore (m)
guardacuerpo (m), barandilla (f)

6 **2. Schranken und Wärterhäuser**
Barriers and Watchmen's Huts
Barrières et cabines de surveillants

Барьеры и сторожевыя будки
Barriere e cabine di sorveglianti o guardiani
Barreras y casetas para guardas

7 Drehkreuz (n)
turnstile
tourniquet (m) *ou* moulinet (m) de barrière

турникетъ (m)
croce (f) girevole per passaggi pedonali, tornello (m)
torniquete (m) ó molinete (m) de barrera

8 Schlupfpforte (f)
wicket-gate
guichet (m) de barrière

двойная калитка (f) съ предохранителемъ
sportello (m) di barriera
postigo (m) de barrera

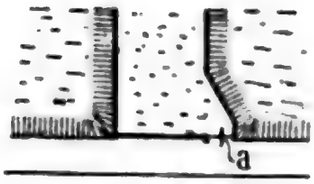
9 Drehtür (f)
swing-gate
portière (f), porte (f) tournante

вращающаяся калитка (f)
porta (f) girevole
portezuela (f), puerta (f) giratoria

10 Schranke (f)
crossing barrier
barrière (f)

барьеръ (m); преграда (f)
barriera (f)
barrera (f)

Seitenschranke (f)
wicket [in a barrier]
portillon (m) de barrière



боковой барьеръ (m); боковая преграда (f)
sportello (m) alla barriera
portillo (m) de barrera 1

a

Schrankenschluß (m)
closing the barrier
fermeture (f) de barrière

затворъ (m) барьера *или* преграды
chiusura (f) con barriera
cierre (m) de barrera 2

handbediente Schranke (f), Handschranke (f)
hand-operated barrier
barrière (f) manœuvrée à la main

ручной барьеръ (m)
barriere (f pl) manovrate a mano
barrera (f) maniobrada á mano 3

Stangenschranke (f)
rail-barrier
barrière (f) à lisse

брусчатая преграда (f); брусчатый барьеръ (m)
chiusura (f) a sbarra
barrera (f) de travesaño 4

Schiebeschranke (f)
sliding barrier
barrière (f) à coulisse

барьеръ (m) *или* преграда (f) съ выдвижнымъ брусомъ
barriera (f) scorrevole
barrera (f) de corredera 5

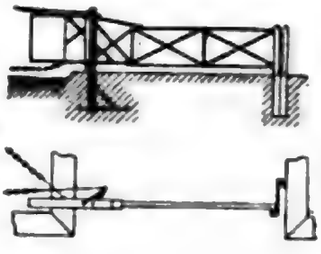
Hängeschranke (f), Einhängeschranke (f)
hinged barrier
barrière (f) accrochée *ou* suspendue

преграда (f) *или* барьеръ (m) съ висячимъ брусомъ
barriera (f) sospesa
barrera (f) de travesaño suspendido 6

Kettenschranke (f)
chain barrier
barrière (f) à chaîne

цѣпной затворъ (m) для переѣздовъ
chiusura (f) a catena
cadena (f) de cierre 7

Drehschranke (f)
swing gate
barrière (f) tournante *ou* pivotante



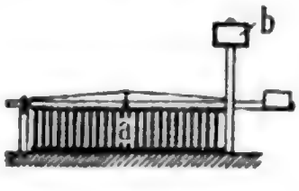
вращающійся барьеръ (m); вращающаяся преграда (f)
cancello (m) girevole
barrera (f) giratoria 8

Gegengewicht (n)
counter-balance, counterpoise
contrepoids (m)

противовѣсъ (m)
contrappeso (m)
contrapeso (m) 9

a

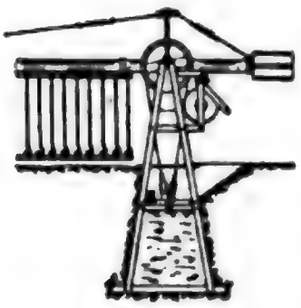
Gitterschranke (f)
lattice barrier *or* gate
barrière (f) en grille



рѣшётка (f)
barriera (f) a cancellata
barrera (f) con celosía plegable 10

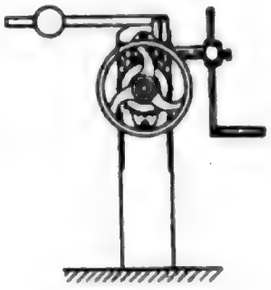
1	Hängegitter (n) hinged rails *or* lattice grille (f) suspendue	a	висячая рѣшётка (f) cancellata (f) sospesa celosia (f) suspendida
2	Warnungstafel (f), Warnungsscheibe (f) notice board, warning board, crossing sign écriteau (m) *ou* plaque (f) d'avertissement	b	предупреждающая надпись (f) tabella (f) d'avviso disco (m) *ó* tablilla (f) de aviso
3	Rolltorschranke (f), Rollschranke (f) rolling gate *or* barrier barrière (f) roulante		катучая желѣзная рѣшётка (f) barriera (f) scorrevole su rotelle barrera (f) corredera sobre ruedas
4	Flügeltorschranke (f) folding gate *or* barrier barrière (f) à vantaux *ou* à battants		барьеръ (m) *или* преграда (f) въ видѣ двустворчатыхъ воротъ barriera (f) a battente barrera (f) de dos hojas
5	Schlagbaumschranke(f), Schlagschranke (f) bascule barrier, lifting gate barrière (f) à rabattement *ou* à bascule	a	затворъ (m) въ видѣ шлагбаума; шлагбаумъ (m) barriera (f) levatoia barrera (f) levadiza
6	Schlagbaum (m) bar, barrier lisse (f) de barrière	a	шлагбаумъ (m) sbarra (f) di barriera barra (f) de la barrera
7	Schrankenkupplung (f) barrier coupling accouplement (m) des portes de barrières (de part et d'autre de la voie)		сопряженіе (n) барьеровъ, расположенныхъ по обѣ стороны пути accoppiamenti (m pl) delle porte di barriere (da una parte e dell'altra della via) acoplamiento (m) de las puertas de las barreras (á ambos lados de la via)
8	selbsttätige Schlagbaumschranke (f) automatic *or* self-acting bascule barrier barrière (f) à lisse [à rabattement] automatique		самодѣйствующій *или* автоматическій затворъ (m) въ видѣ шлагбаума barriera (f) con sbarra levatoia automatica barrera (f) de cierre automático
9	Sperrvorrichtung (f) closing mechanism appareil (m) d'arrêt		затворъ (m) catenaccio (m) aparato(m) de detención *ó* de enclavamiento

Drehbock (m)
pivot frame
chevalet (m) de pivotement



стойка (f) балки шлагбаума
pilastro - cerniera, (m) cavalletto (m) porta cerniera 1
caballete (m) soporte del eje *ó* del árbol giratorio

Windebock (m), Schrankenstellwerk (n)
winch, winding gear
chevalet (m) de treuil

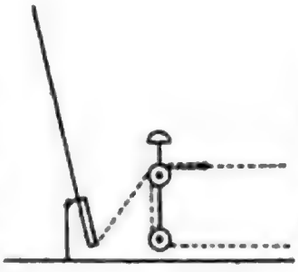


лебёдка (f)
cavalletto (m) ad arganello 2
caballete (m) de cabria

Zugschranke (f) Fernschlußschranke (f), fernbediente Schranke (f)
mechanical gate, gate worked from a distance
barrière (f) manœuvrée à distance, barrière (f) à tirage

преграда (f), приводимая въ дѣйствіе на разстояніи
barriera (f) con chiusura a distanza 3
barrera (f) accionada á distancia

Doppeldrahtzugschranke (f)
mechanical gate with double rodding
barrière (f) manœuvrée à distance avec transmission à double fil



преграда (f), приводимая въ дѣйствіе на разстояніи двойнымъ проволочнымъ проводомъ
barriera (f) con chiusura a distanza con doppio filo 4
barrera (f) maniobrada á distancia mediante transmisión de doble alambre

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Drahtzugschranke(f)mit doppelter Bewegungsfreiheit
mechanical gate for vertical and horizontal opening
barrière (f) manœuvrée à distance à double mouvement (vertical et horizontal)

преграда (f), приводимая въ дѣйствіе на разстояніи свободнымъ движеніемъ проволочнаго привода въ обѣ стороны 5
barriera (f) con chiusura a distanza a doppia libertà di movimento
barrera (f) accionada á distancia con doble libertad de movimiento

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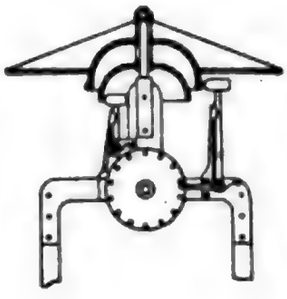
Läutwerk (n), Vorläutwerk (n)
bell, warning *or* signal alarm bell
sonnerie (f) d'annonce *ou* d'avertissement



сигнальный колоколъ (m)
campana (f) *o* soneria (f) d'avviso *o* d'allarme 6
timbre (m) de llamada *ó* de aviso

zwangläufiges Vorläuten (n)
automatic warning [by bell]
1 avertissement (m) à commande automatique

принудительный ударъ (m) колокола
soneria (f) d'avviso comandata
aviso (m) por timbre desmodrómico

Rückmelde-Läutwerk (n)
reply bell
2 sonnerie (f) de réplique *ou* de répétition

отвѣтный ударъ (m) колокола
soneria (f) con contro-avviso
timbre (m) de contestación *ó* de acuse de llamada

Wärterbude (f)
gate-man's *or* gate-keeper's lodge *or* hut *or* box
guérite (f) *ou* maisonnette (f) de garde-barrière

сторожевая будка (f)
casa (f) cantoniera, casello (m)
garita (f) *ó* casilla (f) de guarda-barreras

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3. Schutzanlagen gegen Feuer und Schnee
Protective Plants against Fire and Snow
4 **Dispositifs de défense contre l'incendie et l'accumulation des neiges**

Мѣры противъ пожаровъ и снѣжныхъ заносовъ
Disposizioni di difesa contro l'incendio e l'accumulazione delle nevi
Instalaciones de defensa contra di incenelo y la acumulación de nieves

Feuerschutz (m), Brandschutz (m)
5 fire-protection, protection against fire
protection (f) contre le feu

противопожарныя мѣры (f pl)
protezione (f) contro incendi
protección (f) contra el fuego

Flugfeuer (n), Funkenflug (m)
incandescent flying cinders (from passing
6 locomotives)
flammèches (f pl) *ou* escarbilles (f pl) [échappées de la locomotive]

искры (f pl), выбрасываемыя паровозами
scintille (f pl)
materias (f pl) incandescentes lanzadas por el escape de la locomotora

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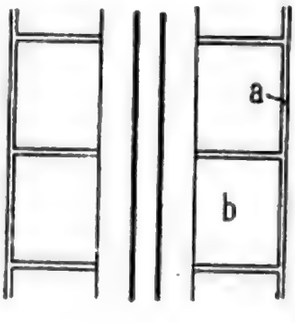
Feuerschutzstreifen (m), Brandschutzstreifen (m)
7 fire-protection belt *or* strip
bande (f) protectrice contre le feu



полоса (f), предохраняющая отъ пожара
striscia (f) di terreno quale protezione contro l'incendio
zona (f) protectriz contra el fuego

Sicherheitsgraben (m)
8 safety-ditch, fire line
fossé (m) de sûreté

a

предохранительная канава (f)
fossa (f) di sicurezza
zanja (f) de seguridad

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b

Wundstreifen (m) bared strip *or* patch bande (f) inculte *ou* non plantée	полоса (f), очищенная отъ лѣсной поросли striscia (f) di terreno incolto faja (f), zona (f) inculta *ó* no cultivada	*1*
Quergraben (m) cross-trench fossé (m) transversal	поперечная канава (f) fossa (f) trasversale fosso (m) transversal	*2*
Wundhalten (n) des Brandschutzstreifens keeping bare the bared strip maintien (m) en état des bandes protectrices	очищать полосу земли отъ лѣсной поросли mantenimento (m) in istato dei mezzi protettori conservación (f) de las bandas protectoras	*3*
Schneeschutzanlage (f), Schneeschutzwehr (f) snow-protection device, snow fence pare-neige (m), paraneige (m)	огражденія (n pl) отъ снѣга; снѣжная защита (f) difesa (f) contro la neve, paraneve (m) para-nieves (m), protección (f) contra la nieve	*4*
Windbruch (m) windfall, windshake chablis (m), rompis (m)	буреломъ (m); сорванные вѣтромъ предметы (m pl) alberi (m pl) abbattuti dal vento desgajados (m pl), derribados (m pl)	*5*
Schneeverwehung (f) snowdrift amoncellement (m) de neige	снѣжные заносы (m pl] ingombro (m) di neve obstrucción (f) de la via por acumulación de nieves	*6*
Schneeablagerung (f) accumulation of snow accumulation (f) *ou* amas (m) *ou* amoncellement (m) de neige	отложеніе (n) снѣга accumulo (m) *o* deposito (m) di neve acumulación (f) *ó* mortón (m) *ó* amontonamiento (m) de nieve	*7*
Abflachen (n) der Einschnittböschungen flattening the slopes of a cutting aplanissement (m) des talus de tranchées	срѣзка (f) откосовъ въ выемкахъ dare (v) una pendenza dolce alle scarpe di trincee aplanamiento (m) de las trincheras	*8*
Schneeschutzpflanzung (f) snow-protection plantation, plantation for protecting line from snowdrifts plantation (f) paraneige	посадка (f) живой изгороди противъ снѣжныхъ заносовъ piantagione (f) di difesa contro la neve plantación (f) paranieves	*9*

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1 Schneehecke (f)
snow-protection hedge
bois-taillis (m) paraneige

живая изгородь (f), какъ защита отъ снѣга
cespugli (mpl) paraneve
maleza (f) paranieves

2 zweistufige Schneeschutzpflanzung (f)
protective plantation in two stages
plantation (f) protectrice à deux gradins

двойная живая изгородь (f) противъ снѣжныхъ заносовъ
piantagione (f) di difesa a due gradini
plantación (f) protectora de dos bancales de altura diferente

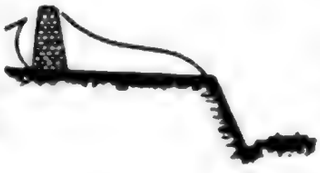
3 Waldschutzstreifen (m)
protective belt of trees, protective strip of woodland
bande (f) protectrice boisée

полоса (f) лѣса, какъ защита отъ снѣга; лѣсная изгородь (f), посаженная полосой
tratto (m) imboschito di difesa
zona (f) protectora poblada de arboles

4 Schneeschutzdamm (m), Schneewall (m)
snow protectionbank *or* rampart, snow-wall (A)
levée (f) de terre *ou* écran (m) paraneige

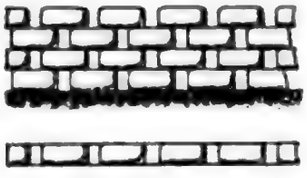
земляной валъ (m) *или* кавальеръ (m), какъ снѣжная защита
paraneve (m) di terra
parapeto (m), pantalla (f) *ó* muro (m) paranieves

5 Schneeschutzmauer (f)
snow wall, snow protection wall
mur (m) paraneige, mur (m) de défense contre la neige



стѣна (f) для защиты отъ снѣжныхъ заносовъ
muro (m) paraneve
muro (m) paranieves, muro (m) de defensa contra la nieve

6 Schneeziegel (m)
snow-brick
bloc (m) paraneige fait en neige tassée



снѣжный кирпичъ (m)
mattonelle (f pl) di neve
bloque (m) paranieves formado de nieve amontonada

7 Schneezaun (m)
snow-fence *or* screen
haie (f) paraneige

заборъ (m) для защиты отъ снѣжныхъ заносовъ; заборъ *или* защита (f) изъ досчатыхъ щитовъ
steccato (m) paraneve
valla (f) paranieves

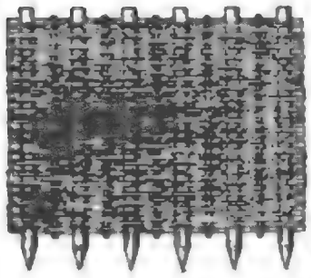
8 Doppelzaun (m)
double fence
haie (f) double

двойной заборъ (m)
steccato (m) doppio
valla (f) doble

9 versetzbares Schutzmittel (n)
portable snow protection device
paraneige (m) mobile *ou* déplaçable *ou* à déplacement facultatif

переносный щитъ (m)
paraneve (m) mobile *o* spostabile
paranieves (m) móvil *ó* transportable

Schneehürde (f)
snow hurdle
clayonnage (m) paraneige

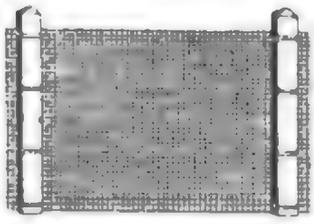


плетнёвый снѣжный щитъ (m)
paraneve (m) di graticcio
bardal (m) paranieves
1

Bockzaun (m)
portable snow fence, framed snow fence
haie (f) en chevalet

заборъ (m) въ видѣ козелъ; щитъ (m) въ видѣ козелъ
steccato (m) con cavalletti
valla (f) en caballete
2

Schneeschutzmatte (f)
snow protection mat
paillasson (m) paraneige



защита (f) изъ рогож[к]и
stuoia (f) paraneve
malla (f) ó cortina (f) paranieves
3

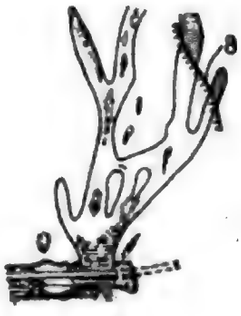
Lawinensturz (m)
coming down of an avalanche snow slide (A)
[chute (f) d'] avalanche (f)

снѣжный обвалъ (m); обвалъ лавины
valanga (f)
alud (m), avalancha (f)
4

Abbau (m) der Lawinen im Anbruchgebiete
breaking-up of an avalanche at the starting point
dislocation (f) des masses de neige au point d'origine

уничтоженіе (n) лавинъ въ мѣстахъ ихъ образованія
disfacitura (f) d'una lavina alla sua origine
deshacer (v) las avalanchas en el punto de origen
5

Lawinenleitwerk (n)
works for deflecting an avalanche
déviateur (m) *ou* ouvrage (m) pour la déviation des avalanches



a

сооруженіе (n) для отвода лавинъ
diga (f) deviatrice delle valanghe
derivador (m) de los aludes, guía-avalanchas (m)
6

Lawinenleitmauer (f)
baffle wall for deflecting avalanches
mur (m) guide-avalanche

стѣна (f) для отвода лавинъ
muro (m) direttore di valanghe
muro (m) derivador de aludes ó guía-avalanchas
7

Schneegalerie (f), Lawinengalerie (f)
snow gallery *or* shed, avalanche gallery
galerie (f) *ou* tunnel (m) [de défense] contre les avalanches

галлерея (f) для защиты отъ обваловъ
galleria (f) artificiale
galería (f) ó túnel (m) de protección contra los aludes ó las avalanchas
8

4. Sonstiges
1 **Various Terms**
Divers

Прочее
Diversi
Diversos

Abteilungszeichen (n)
2 milepost, distance-post
poteau (m) [indicateur] de section

путевой *или* дорожный знакъ (m); верстовой знакъ
indicatore (m) di sezione
poste (m) indicador de distancia *ó* de sección

Kilometerstein (m)
3 kilometer stone
borne (f) kilométrique

верстовой камень (m)
limite (m) chilometrico
piedra (f) *ó* señal (f) kilométrica

Höhenmarke (f)
4 bench mark
repère (m) de hauteur

реперъ (m)
indicatore (m) di livello
marca (f) (fijando la altura)

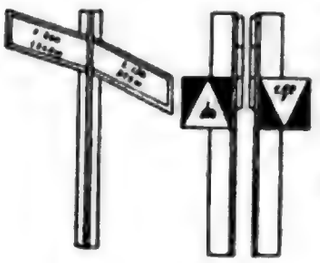
Bogenstein (m)
5 curve stone *or* mark
pierre (f) indicatrice de courbe

каменный знакъ (m) *или* столбикъ (m) въ концѣ закругленія
indicatore (m) delle curve
poste (m) indicador de curvas

Kurventafel (f)
6 curve board
indicateur (m) de courbe

указатель (m) кривыхъ
indicatore (m) di curva
indicador (m) de curva

Neigungszeiger (m)
gradient-board
7 poteau (m) [indicateur] de pente *ou* de déclivité



указатель (m) уклона; уклонный знакъ (m)
indicatore (m) di pendenza
poste (m) indicador de pendiente *ó* de rasante

Unterbau städtischer Schnellbahnen

Substructure of Urban Railways

8 **Infrastructure des chemins de fer métropolitains *ou* urbains rapides**

Нижнее строеніе городскихъ желѣзныхъ дорогъ для поѣздовъ большой скорости

Sottostruttura di ferrovie urbane rapide

Infrastructura de las vías urbanas rápidas

Hochbahn (f)
overhead railway, elevated railway
9 chemin (m) de fer surélevé

надземная *или* возвышенная дорога (f)
ferrovia (f) elevata
ferrocarril (m) aéreo, vía (f) aérea

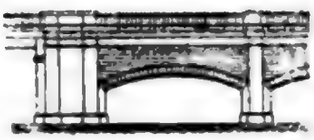
Standhochbahn (f)
elevated railway running on piers *or*
10 trestle work
voie (f) sur piliers *ou* colonnes

эстакадная дорога (f); надземная дорога на эстакадѣ *или* на столбахъ
ferrovia (f) elevata area
ferrocarril (m) aéreo sobre pilares

Höhenunterschied (m) zwischen Straße und Bahnsteig
difference in levels between roadway and railway platform
différence (f) de niveau entre la rue et la plateforme de la voie

разность (f) уровней улицы и рельсоваго пути
differenza (f) di livello fra la strada e il piano della ferrovia *1*
diferencia (f) de nivel entre la calle y el andén

Hochbahn (f) mit Steinunterbau
elevated railway on masonry viaduct
chemin (m) de fer sur viaduc en maçonnerie



надземная дорога (f) съ каменнымъ нижнимъ строеніемъ
ferrovia (f) elevata con struttura in muratura *2*
vía (f) aérea con infrastructura de piedra

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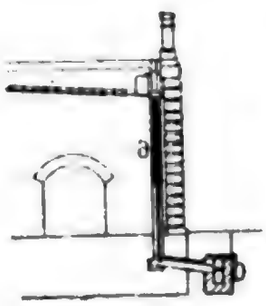
gewölbter Unterbau (m)
arched substructure
construction (f) voûtée *ou* sur arceaux

сводчатое нижнее строеніе (n)
sottostruttura (f) a volta *3*
infrastructura (f) abovedada

Entwässerungsschacht (m)
drainage shaft
puits (m) de drainage



водосточный *или* канализаціонный колодезь (m)
pozzo (m) di drenaggio *4*
pozo (m) de drenaje ó de saneamiento

a

Entwässerungskanal (m)
drain, gully
conduite (f) de décharge

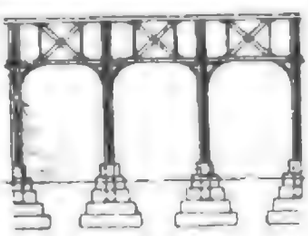
b

водостокъ (m)
canale (m) di drenaggio *5*
canal (f) de drenaje

Entwässerungshaube (f)
gully cover
couvercle (m) de drain

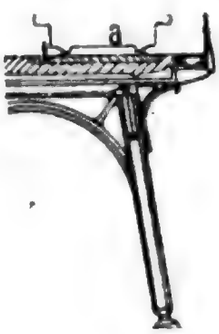
крышка (f) надъ канализаціоннымъ колодцемъ
coperchio (m) del pozzo di drenaggio *6*
caperuza (f) de desaguadero

Hochbahn (f) mit Eisenunterbau
elevated railway running on iron structure
chemin (m) de fér aérien avec infrastructure en fer, viaduc (m) métallique



надземная дорога (f) съ желѣзнымъ нижнимъ строеніемъ; [надземная дорога на желѣзныхъ опорахъ] *7*
ferrovia (f) elevata con sottostruttura in ferro
via (f) aérea con infrastructura de hierro

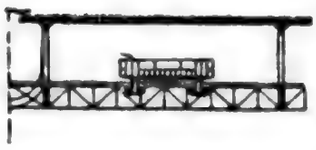
Fahrbahntafel (f)
platform *or* deck of bridge
tablier (m) de la voie



полотно (n) дороги
piano (m) stradale *8*
plano (m) de la vía

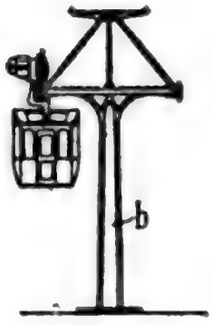
a

1 Schwebebahn (f), Hängebahn (f)
suspended railway
chemin (m) de fer suspendu



подвѣсная *или* висячая дорога (f);
ferrovia (f) sospesa
via (f) suspendida, ferrocarril (m) suspendido

2 einschienige Schwebebahn (f)
suspended mono-rail railway
chemin (m) de fer suspendu monorail



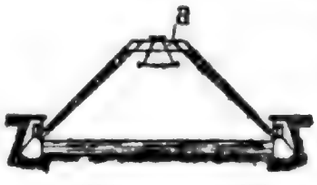
однорельсовая подвѣсная дорога (f)
ferrovia (f) sospesa a rotaia unica
via (f) suspendida de un solo carril *ó* monorail

3 Bahnstütze (f)
standard, post
support (m) de la voie

b

путевая опора (f)
sostegno (m) della strada
soporte (m) de la vía

4 Schrägstütze (f), gespreizte Stütze (f)
A-frame
support (m) à étrésillons



подкосная опора (f); опора въ видѣ козелъ
sostegno (m) formato con due puntoni
soporte (m) de dos puntales oblicuos

5 Jochbalken (m)
connecting yoke
poutre (f) en travers

a

поперечная балка (f)
trave (f) del giogo
viga (f) de sujeción

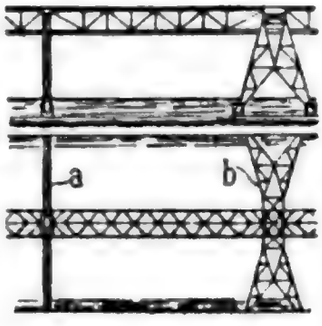
6 Portalstütze (f), torbogenartige Stütze (f)
portal frame (support)
support (m) à portique

воротообразная *или* портикообразная опора (f)
sostegno (m) a portale
soporte (m) de pórtico

7 Einzelstütze (f)
(central) single post
pilier (m), colonne (f), support (m) sur colonne

одиночная опора (f); [фиг.:] столбъ (m)
sostegno (m) isolato *od* a colonna
soporte (m) *ó* poste (m) aislado

8 Pendelstütze (f), Pendeljoch (n), Pendelportal (n)
hinged support
support (m) à pendule *ou* articulé



качающаяся опора (f)
sostegno (m) a pendolo
soporte (m) pendular

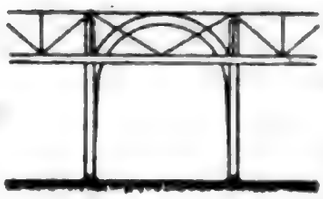
a

9 Ankerstütze (f)
fixed support *or* yoke
support (m) d'ancrage

b

неподвижная опора (f)
sostegno (m) d'ancoraggio
soporte (m) de anclaje

Bogenankerstütze (f)
fixed arch support
support (m) d'ancrage arqué

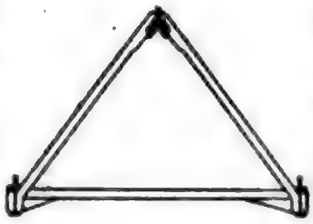


неподвижная арочная опора (f)
sostegno (m) d'ancoraggio ad arco
soporte (m) de anclaje arqueado
1

Tragwerk (n)
construction for permanent way
appareil (m) porteur

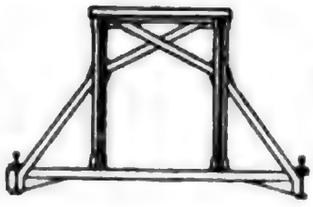
ферма (f), поддерживающая прогонъ
apparechio (m) portante
suspensión (f) de la via
2

Dreieckträger (m), dreieckiger Bahnträger (m)
triangular section girder
support (m) [de voie] (m) triangulaire



треугольный прогонъ (m); треугольная ферма (f)
sostegno (m) triangolare della via
porta-via (m) de forma triangular
3

Kastenträger (m), kastenförmiger Bahnträger (m)
box girder
poutre (f) en caisson



коробчатый прогонъ (m); коробчатая ферма (f)
supporto (m) a cassetta, sostegno (m) della via a cassetta
porta-via (m) en forma de caja ó de cajón
4

Bergschwebebahn (f)
suspended mountain railway
chemin (m) de fer suspendu de montagne

горная подвѣсная дорога (f)
ferrovia (f) sospesa di montagna
ferrocarril (m) suspendido de montaña
5

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elektrische Hängebahn (f), Elektrohängebahn (f)
suspended electric railway, telepher railway
chemin (m) de fer suspendu électrique

электрическая подвѣсная дорога (f)
ferrovia (f) elettrica sospesa
ferrocarril (m) eléctrico suspendido
6

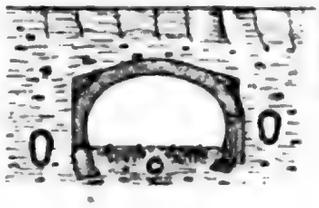
Tiefbahn (f)
underground railway
chemin (m) de fer souterrain, voie (f) souterraine

подземная дорога (f)
ferrovia (f) sotterranea
ferrocarril (m) subterráneo; via (f) subterránea
7

Unterpflasterbahn (f)
underground railway in shallow subway
chemin (m) de fer urbain sous la chaussée

дорога (f), проходящая подъ мостовой *или* подъ улицей
ferrovia (f) sottostradale
ferrocarril (m) subterráneo [colocado por debajo de una calle]
8

Untergrundbahn (f)
underground railway
voie (f) urbaine souterraine



подземная дорога (f)
ferrovia (f) sotterranea
ferrocarril (m) subterráneo; via (f) subterránea ó suburbana
9

1 Unterschreitung (f) *oder* Untertunnelung (f) eines Wasserlaufes
tunnel below a water-course, subaqueous tunnel
traversée (f) en contre bas d'un cours d'eau

проходъ (m) подъ водотокомъ
attraversamento (m) sotterraneo di un corso d'acqua
paso (m) por debajo de una corriente de agua

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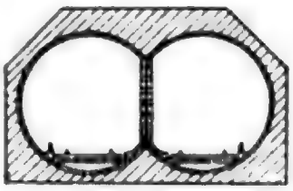
2 Doppeltunnel (m)
twin tunnel
tunnel (m) double *ou* jumelé



двойной тоннель (m)
galleria (f) doppia, tunnel (m) doppio
túnel (m) doble

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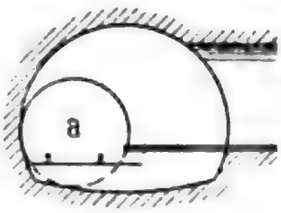
3 unterirdische Röhrenbahn (f)
tube railway
voie (f) souterraine tubulaire



подземная дорога (f), проложенная въ трубѣ
ferrovia (f) tubulare sotterranea
ferrocarril (m) subterráneo tubular; via (f) subterránea tubular

---

4 Röhrentunnel (m)
tube tunnel, tube
tunnel (m) tubulaire

a

трубчатый тоннель (m)
galleria (f) tubulare
túnel (m) tubular

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5 Tunnelring (m)
tunnel ring
tronçon (m) de tunnel

звено (n) тоннельной трубы
anello (m) di rivestimento della galleria
trozo (m) de túnel; sección (f) de túnel

---

6 Wasserdichtungsschicht (f)
watertight layer
couche (f) étanche *ou* d'étanchage

водонепроницаемый слой (m); водонепроницаемая прокладка (f)
strato (m) impermeabile
capa (f) impermeable

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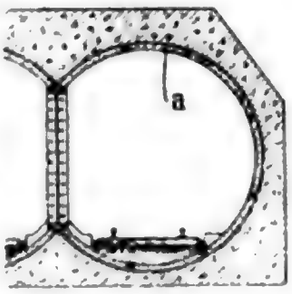
7 Zementumhüllung (f)
cement lining
revêtement (m) *ou* enduit (m) de ciment



a

цементное покрытие (n); цементная оболочка (f)
rivestimento (m) di cemento
revestimiento (m) de cemento

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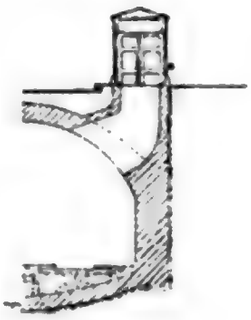
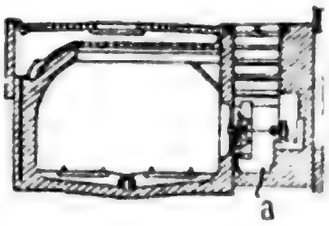
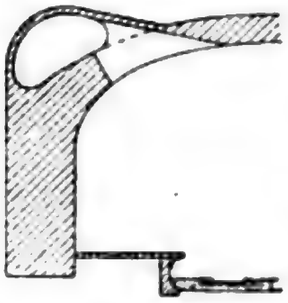
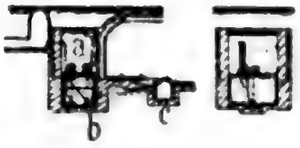
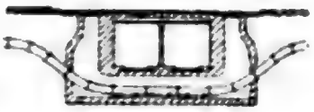
8 Lüftungsschacht (m)
ventilation *or* air shaft
puits (m) d'aérage
gaine (f) d'aérage



вентиляціонный колодезь (m); канализаціонная шахта (f)
pozzo (m) d'aereazione *o* di ventilazione
pozo (m) de ventilación

Lüftungskammer (f) air-chamber chambre (f) d'aérage		вентиляціонная камера (f) camera (f) di aereazione cámara (f) de ventilación	1
Lüftungskanal (m) air-passage conduit (m) d'aérage		вентиляціонный каналъ (m) canale (m) di aereazione canal (f) de ventilación	2
Pumpenkammer (f) pump-chamber chambre (f) des pompes		камера (f) для помѣщенія насосовъ camera (f) delle pompe cámara (f) de las bombas	3
Pumpenschacht (m) pump shaft puits (m) des pompes	b	шахта (f) *или* колодезь (m) для насосовъ pozzo (m) di pompatura pozo (m) de las bombas	4
Sammelschacht (m) collecting shaft [puits (m)] collecteur (m) *ou* gaine (f) collectrice	c	водосборный колодезь (m) pozzo (m) collettore pozo (m) colector	5
Verlegung (f) der Straßenleitungen re-laying of sewers, pipes, etc. pose (f) des conduites sous les rues		прокладка (f) подземныхъ уличныхъ трубъ и проводовъ trasferimento (m) delle condutture stradali colocación (f) de las tuberías subterráneas	6
Rohrunterführung (f) carrying the pipes below the railway passage (m) en contre bas de tuyaux		проводка (f) трубъ подъ [дорогою] sottopassaggio (m) del tubo paso (m) inferior de los tubos	7
Kanaldüker (m) drain siphon siphon (m) en contre bas d'un canal		сифонъ (m) для прохода подъ каналомъ sifone (m) sotto canale sifón (m) de saneamiento por debajo del túnel	8
Vollausbruch (m) von oben excavating a cutting to its full width from above excavation (f) *ou* fouille (f) complète, déblai (m) à ciel ouvert		выемка (f) полнымъ профилемъ сверху escavazione (f) completa dall'alto excavación (f) completa por arriba	9

1 allmählicher Schlitzaufbruch (m)
excavation by steps
excavation (f) graduelle

постепенная разработка (f)
escavazione (f) graduale
excavación (f) gradual

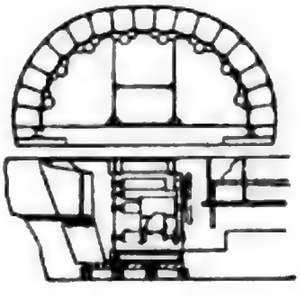
2 Baugrube (f)
trench
fouille (f)

котлованъ (m)
escavazione (f), scavo (m)
zanja (f)

3 Vortriebschild (m)
tunnelling shield
bouclier (m) d'avancement

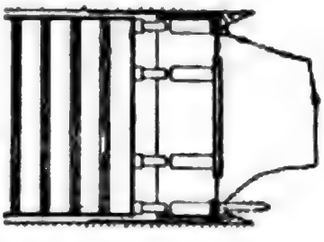
передовой щитъ (m) [для разработки тоннеля]
scudo (m) d'avanzamento
disco (m) de avance

4 Kopfschild (m)
head shield, top shield
bouclier (m) frontal



головной щитъ (m)
scudo (m) frontale
disco (m) frontal

5 Vollschild (m)
full shield
bouclier (m) plein [embrassant toute la section]



сплошной щитъ (m)
scudo (m) pieno
disco (m) entero

6 pneumatische Bahn (f)
atmospheric railway
chemin (m) de fer pneumatique

пневматическая дорога (f)
ferrovia (f) pneumatica
ferrocarril (m) neumático ó de aire comprimido

7 Einschienenbahn (f)
single-rail railway, monorail railway
monorail (m), chemin (m) de fer monorail *ou* à rail unique *ou* porteur-monorail (m)

однорельсовая дорога (f)
ferrovia (f) elevata a rotaia unica
ferrocarril (m) de un solo carril ó monorail

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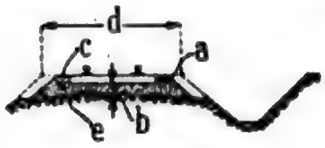
IV.

Oberbau
Permanent Way
Superstructure

Верхнее строеніе
Armamento
Superestructura

Bettung **Ballast** **Ballastage, ballast**		**Балластъ** **Massicciata** **Capa de balasto**	*1*
Bettungskörper (m) [body of] ballast, roadbed couche (f) de ballast	 a	балластный слой (m); постель (f) corpo (m) della massicciata, massicciata (f) stradale, balast (m) capa (f) de balasto	*2*
Bettungshöhe (f), Bettungsstärke (f) depth *or* thickness of ballast hauteur (f) du ballast	b	ширина (f) балласта *или* балластнаго слоя altezza (f) *o* spessore (m) della massicciata espesor (m) del balasto	*3*
Bahnkrone (f), Krone (f) der Bettung crown *or* top of ballast couronne (f) du ballast	c	гребень (m) *или* бровка (f) балласта sommità (f) della massicciata corona (f) del balasto	*4*
Kronenbreite (f) top width of the ballast largeur (f) de la couronne *ou* en couronne	d	ширина (f) гребня *или* бровки larghezza (f) alla sommità *o* al piano del ferro ancho (m) de la corona	*5*
Bettungssohle (f), Sohle (f) der Bettung bottom of the ballast, sub-grade formation (A) base (f) du ballast, assiette (f) du ballast	e	основаніе (n) *или* подошва (f) балласта *или* балластнаго слоя base (f) della massicciata base (f) del balasto, plataforma (f) de la vía	*6*
eingekofferte Bettung (f), Kofferbettung (f) boxed-in ballast encaissement (m) du ballast		балластъ (m), уложенный въ земляное полотно massicciata (f) incassata balasto (m) encajonado	*7*

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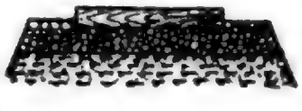
1	Bettungskoffer (m) ballast boxing coffre (m) à ballast	a	лотокъ (m) въ земляномъ полотнѣ для балластнаго слоя cassa (f) della massicciata caja (f) de ó para balasto
2	Verfüllung (f) der Schwellen filling the space between the sleepers *or* ties (A) bourrage (m) des traverses jusqu'à affleurement		балластировка (f) между шпалами rincalzamento (m) delle traverse sino al riempimento bateado (m) de las traviesas hasta el emparejamiento
3	Überdeckung (f) der Schwellen covering the sleepers (ties A), burying the sleepers (ties A) in the ballast recouvrement (m) des traverses		балластировка (f) между шпалами; балластировка съ засыпкою шпалъ ricoprimento (m) delle tiaversine recubrimiento (m) de las traviesas
4	bettungsloser Oberbau (m) unballasted permanent way superstructure (f) sans ballast		верхнее строеніе (n) безъ балласта armamento (m) senza massicciata superestructura (f) sin balasto
5	zweiteilige Bettung (f) two-layer ballast ballast (m) à deux couches		балластъ(m),состоящій изъ двухъ слоевъ massicciata (f) in due strati (di materiale diverso) balasto (m) de dos capas
6	obere Lage (f) upper layer, top ballast couche (f) supérieure	a	верхній слой (m) strato (m) superiore capa (f) superior
7	untere Lage (f) lower layer, bottom ballast couche (f) inférieure	b	нижній слой (m) strato (m) inferiore capa (f) inferior
8	Bettungsstoff (m), Bettungsmaterial (n) ballasting material matière (f) de ballast-[age]		матеріалъ (m) для балласта *или* балластировки materiale (m) da massicciata material (m) de balastado
9	Sandbettung (f) sand ballast ballastage (m) en sable		балластировка (f) пескомъ ricoprimento (m) di sabbia enarenado (m)
10	Schotterung (f) broken stone ballast *or* metalling ballastage (m) en cailloux *ou* en pierres cassées		балластировка (f) щебнемъ ricoprimento (m) di ghiaia capa (f) de grava, balastado (m)

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Kies (m)
gravel
gravier (m)

хрящъ (m); гравій (m)
ghiaia (f)
piedras (f pl) menudas, arena (f) gruesa — *1*

Grubenkies (m), Grubenschotter (m)
pit gravel
ballast (m) de carrière

горный хрящъ (m) *или* гравій (m)
ghiaia (f) di fossa
balasto (m) *ó* grava (f) de cantera — *2*

Flußkies (m), Flußschotter (m)
river gravel
ballast (m) *ou* gravier (m) de rivière

рѣчной хрящъ (m); гравій (m); дресва (f)
ghiaia (f) di fiume *o* giarra alluviale
balasto (m) *ó* grava (f) de rio — *3*

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gesiebter Kies (m)
sieved gravel
pierraille (f) tamisée

просѣянный хрящъ (m); грохотованный гравій (m)
pietrisco (m) stacciato crivellato
grava (f) cribada — *4*

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gewaschener Kies (m)
washed gravel
pierraile (f) lavée

промытый гравій (m) *или* хрящъ (m)
pietrisco (m) lavato
grava (f) lavada — *5*

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lehmhaltiger Kies (m)
loamy gravel
pierraille (f) mélangée à de l'argile

хрящъ (m) *или* гравій (m) съ примѣсью глины
pietrisco (m) mescolato ad argilla
grava (f) mezclada con arcilla — *6*

Steinschlag (m), Steingeschläge (n), Schlägelschotter (m), Steinknack (m)
broken *or* crushed stone
cailloutis (m) *ou* cailloux (m pl), pierres (f pl) cassées *ou* concassées, pierraille (f)

щебень (m)
pietrame (m), breccia (f)
grava (f) — *7*

Feinschlag (m), Kleinschlag (m)
small stone, chippings
petite (adj) pierraille

мелкій щебень (m)
pietrame (m) minuto
grava (f) menuda — *8*

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weicher Schotter (m)
soft ballast
ballast (m) mou

мягкій щебень (m)
ghiaia (f) molle
balasto (m) blando — *9*

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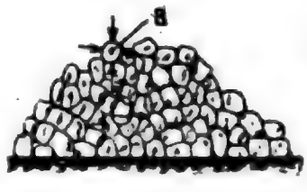
harter Schotter (m), Hartschotter (m)
hard ballast
ballast (m) dur

твёрдый щебень (m); щебень изъ твердыхъ горныхъ породъ
ghiaia (f) dura
balasto (m) duro — *10*

Korngröße (f)
size of the stones
grosseur (f) de la pierraille



величина (f) щебёнки
grossezza (f)
tamaño (m) de la grava — *11*

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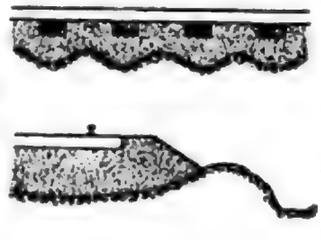
1	grobkörnig (adj) coarse-grained (adj) à gros grain	крупнозернистый grossolano (agg) nervoso de grano grueso
2	feinkörnig (adj) fine-grained (adj) à fin grain	мелкозернистый fine nervoso (agg) de grano fino
3	Steinkohlenschiefer (m) coal-bearing shale schiste (m) houiller	каменноугольный сланецъ (m) scaglie (f pl) di carbone fossile pizarra (f) carbonifera
4	Hochofenschlacke (f) furnace slag scorie (f) *ou* laitier (m) de haut fourneau	шлакъ (m) изъ доменной печи; доменный шлакъ (m) scorie (f pl) d'alto forno escoria (f) de alto horno
5	Schlackenbettung (f) slag ballasting ballastage (m) en scorie *ou* laitier	шлаковый балластъ (m); балластъ изъ шлака massicciata (f) di scorie balasto (m) de escorias
6	gebrannter Ton (m) burnt ballast argile (f) calcinée	обожжёная глина (f) terra (f) cotta arcilla (f) calcinada
7	Steinbruchsplitter (m pl), Steinbruchabfälle (m pl) quarry spauls (A) déchets (m pl) de carrière	обломки (m pl) каменныхъ породъ detrito (m) di cava cascajo (m)
8	Packlage (f), Gestück (n) bottoming, bottom pitching assise (f) empierrée, empierrement (m) de base, blocage (m)	слой (m) щебня *или* гравія; щебеночный слой strato (m) di pietrame plataforma (f) adoquinada, adoquinado (m) de base
9	Trockenpackung (f) dry-bottoming, dry pitching empierrement (m) sec	сухой слой (m) щебня massicciata (f) a secco adoquinado (m) en seco
10	Bruchstein (m) quarry stone, rubble stone moellon (m)	бутъ (m); бутовый камень (m) breccia (f) *o* pietra (f) di cava morrillo (m), adoquin (m)
11	Verdrückung (f) des Erdkörpers compression of the formation (under the sleepers) écrasement (m) *ou* compression (f) de la plateforme en terre	вдавливаніе (n) земляного полотна; образованіе (n) корытъ compressione (f) della massicciata compresión (f) de la plataforma de tierra

a

b



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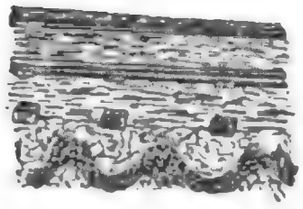
Aufquellen (n) von Ton, Aufquellung (f) swelling *or* spreading of clay foisonnement (m) de l'argile		разбуханіе (n) глины gonfiamento (m) dell'argilla esponjamiento (m) de la arcilla — *1*
verschlammte Bettung (f) ballast filled with mud ballast (m) boueux		балластъ (m), затянувшійся иломъ massicciata (f) convertita in fango balasto (m) relleno de fango — *2*
Schlammsack (m) mud pocket poche (f) à boue		илистое гнѣздо (n) sacco (m) di fango di melma bolsa (f) de fango — *3*
Schlammpumpen (n) *oder* Suppen (n) der Schwelle mud-pumping action of the sleepers pompage (m) *ou* formation (f) de la boue par la traverse		выплевки (m pl); выдавливаніе (n) ила изъ подъ шпалъ sollevamento (m) del fango per mezzo della traversina formación (f) de fango por la traviesa — *4*
Zermahlen (n) der Bettung grinding the ballast pulverisation (f) du ballast		измельченіе (n) въ порошокъ балласта polverizazione (f) del ballast pulverización (f) del balasto — *5*
Nachgiebigkeit (f) der Bettung elasticity *or* resilience of the ballast élasticité (f) du ballast		упругость (f) балласта; упругость постели elasticità (f) della massicciata flexibilidad (f) ó elasticidad (f) del balasto — *6*
Entwässerung (f) der Bettung drainage of the ballast drainage (m) du ballast		осушеніе (n) *или* дренажъ (m) балласта prosciugamento (m) *o* drenaggio (m) della massicciata desecamiento (m) ó drenaje (m) del balasto — *7*
Durchlässigkeit (f) der Bettung porousness *or* permeability of the ballast perméabilité (f) du ballast		проницаемость (f) балласта *или* балластнаго слоя permeabilità (f) della massicciata permeabilidad (f) del balasto — *8*
durchlässig (adj) porous (adj), permeable (adj) perméable (adj)		проницаемый permeabile (agg) permeable (adj) — *9*
undurchlässig (adj) non-porous (adj), impermeable (adj) imperméable (adj)		непроницаемый non permeabile (agg) impermeable (adj) — *10*

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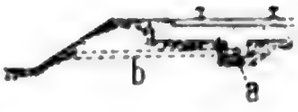
1 Entwässerungsröhre (f)
drain-pipe, tile (A)
drain (m), tuyau (m) de drainage

a

дренъ (m); дренажная труба (f)
tubo (m) di scolo *o* di prosciugamento
tubo (m) de drenaje

2 Sickerrohr (n)
surface-water drain, agricultural drain
tuyau (m) de drainage



a

труба (f) для отвода просачивающейся воды
tubo (m) d'infiltrazione
tubo (m) de filtración

3 Stichrohr (n)
discharge pipe, outlet pipe
tuyau (m) *ou* buse (f) d'évacuation *ou* de décharge

b

вертикальная труба (f)
tubo (m) di scarico
tubo (m) transversal de desagüe

4 Längsgraben (m), Längsrigole (f)
longitudinal trench *or* ditch
aqueduc (m) longitudinal, rigole (f) longitudinale

a

продольная канав[к]а (f)
fossa (f) longitudinale
artarjea (f) *ó* conducto (m) de desagüe longitudinal

5 Querdohle (f), Querrigole (f)
transverse trench *or* ditch
aqueduc (m) transversal, rigole (f) transversale

b

поперечная канав[к]а (f)
tombino (m) trasversale
atarjea (f) transversal

6 offener Längsgraben (m)
open longitudinal ditch
fossé (m) longitudinal

открытая продольная канав[к]а (f)
fossa (m) longitudinale scoperta, cunetta (f)
atarjea (f) longitudinal abierta

7 Oberflächenentwässerung (f)
surface drainage
drainage (m) à la surface

поверхностное осушеніе (n); поверхностный дренажъ (m)
prosciugamento (m) della superficie superiore
drenaje (m) superficial

8 Einfallschacht (m)
sump
puits (m) collecteur

водопоглощающій *или* водосборный колодезь (m)
pozzo (m) collettore
pozo (m) colector

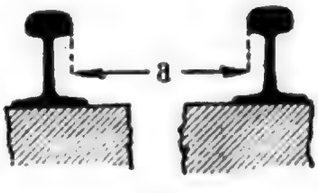
Gleis
9 **Line, Way, Road, Track**
Voie, rails

Путь
Binario
Vía, carril de una vía

1. Grundlagen
10 **Fundamental Principles**
Principes fondamentaux

Основы
Principi fondamentali
Principios fundamentales

Spurweite (f), Spur (f), Spurmaß (n)
11 gauge, gage (A)
largeur (f) de voie, écartement (m) [des rails]



a

ширина (f) пути *или* колеи
scartamento (n)
anchura (f) *ó* ancho (m) [interior] de la vía

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Vollspur (f), Regelspur (f), [Normalspur (f)] a = 1435 mm standard gauge, a = 4′ 8½″ voie (f) normale		нормальная ширина (f) колеи 0,714 саж. = 1,524 cm scartamento (m) normale via (f) normal, a = 1445 mm	1
Breitspur (f) broad gauge voie (f) large	$a_1 > a$	широкая колея (f) a > 1,524 m scartamento (m) largo via (f) ancha	2
Schmalspur (f) narrow gauge voie (f) étroite	$a_2 < a$	узкая колея (f) a < 1,524 m scartamento (m) ridotto via (f) estrecha	3
Meterspur (f) meter gauge voie (f) à écartement d'un mètre	a = 1,00 m	колея (f) шириною въ одинъ метръ scartamento (m) di un metro via (f) de un metro de ancho	4
Kapspur (f) Cape-gauge voie (f) à écartement de 1,067	a = 3½′ = 1,067 m	ширина (f) колеи, принятая въ Капландѣ scartamento (m) Cap da 1,067 m via (f) de 1,067 de ancho	5
voll- [breit-, schmal-] spurig (adj) with standard- [broad-, narrow-] gauge à voie normale (large, étroite), à écartement normal (à grand écartement, à faible écartement)		нормально- (широко-, узко-) колейный a scartamento normale [largo, ridotto] de via normal (ancha, estrecha), de separación normal (grande, pequeña)	6
Spurhaltung (f), Spursicherung (f) to hold the track to gauge maintien (m) de l'écartement		мѣры (f pl) для удержанія ширины колеи mantenimento (m) dello scartamento conservación (f) de la separación	7
Schienenstrang (m) line of rails file (f) de rails		рельсовая колея (f) binario (m) fila (f) de carriles	8
innerer Schienenstrang (m) inner line of rails file (f) intérieure de rails		внутренній рельсъ (m) пути fila (f) interna di rotaie fila(f) interior de carriles	9
äußerer Schienenstrang (m) outer line of rails file (f) extérieure de rails		наружный рельсъ (m) пути fila (f) esterna di rotaie fila(f) exterior de carriles	10
Querverbindung (f) der Schienenstränge cross-connection of rails assemblage (m) transversal des [files de] rails		поперечное соединеніе (n) рельсовъ unione (f) trasversale [dei tratti] di rotaia enlace (m) transversal de las dos filas de carriles	11

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1 Spurstange (f)
cross-tie, gauge-bar, tie rod
tringle (f) d'écartement des rails *ou* tendeur (m)

распорка (f) *или* тяжъ (m) для удержанія ширины колеи
tirante (m) di collegamento
riostra (f) *ó* tirante (f) transversal *ó* de separación

---

2 Stegspurstange (f)
web tie rod
tringle (f) d'écartement du corps des rails

распорка (f) между шейками рельсовъ
tirante (m) di applicazione allo stelo
riostra (f) de separación fijada en el alma

---

3 Fußspurstange (f)
flange cross tie, base tie rod
tringle (f) d'écartement au patin

распорка (f) между подошвами рельсовъ
tirante (m) di applicazione alla suola
riostra (f) de separación fijada al patin

---

4 Spurhalter (m)
railbrace
pièce (f) de butée latérale

приспособленіе (n) для удержанія ширины колеи
ritegno (m) per scartamento
[aparato (m)] inmovilizador del carril

---

5 wechselnde Spur (f)
variable gauge
voie (f) à écartement variable

перемѣнная колея (f)
scartamento (f) variabile
vía (f) variable

---

6 Spurregelung (f), Regelung (f) der Spurweite
adjustment of the gauge
réglage (m) de l'écartement [des rails]

выправка (f) пути *или* колеи
regolazione (f) dello scartamento
regulación (f) de la separación *ó* de la luz

---

7 Spurverengung (f)
narrowing *or* tightening of the gauge
rétrécissement (m) *ou* resserrement (m) de la voie

суженіе (n) пути *или* колеи
correzione (f) dello scartamento, restringimento (m) dello scartamento *o* del binario
estrechamiento (m) de la vía

---

8 Spurerweiterung (f)
widening *or* slacking of the gauge
surécartement (m) de la voie, élargissement (m) de la voie

уширеніе (n) пути *или* колеи
allargamento (m) dello scartamento *o* del binario
sobreancho (m), ensanchamiento (m) de la vía

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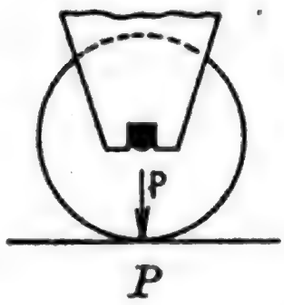
Raddruck (m), Radlast (f)
wheel-pressure, wheel-load
pression (f) des roues *ou* charge (f) des essieux



давленіе (n) колеса
pressione (f) delle ruote *1*
presión (f) de la rueda

---

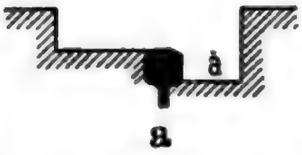
zulässiger Raddruck (m)
maximum admissible wheel-load
pression (f) *ou* charge admisible, charge (f) limitée

допускаемое давленіе (n) колёсъ
peso (m) ammissibile per asse pressione (f) ammissibile per ruota *2*
presión (f) admisible de la rueda

Senkung (f) der Schienen
depression of rail
affaissement (m) des rails

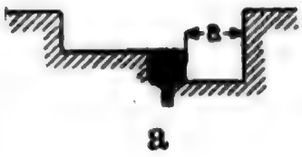
осѣданіе (n) [прогибъ (m)] рельсовъ
flessione (f) della ruotaia
descenso (m) de los carriles

Spurrinne (f)
flange groove
ornière (f) de la voie



жёлобъ колеи (f)
scanalatura (f) della guida *4*
carrilada (f) de vía

Weite (f) der Spurrinne, Spurrinnenweite (f)
width of the flange groove
largeur (f) de l'ornière



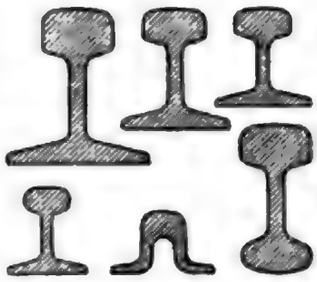
ширина (f) жёлоба
larghezza (f) della scanalatura *5*
ancho (m) de la carrilada

---

2. Schiene
Rail
Rail

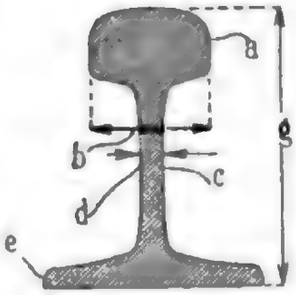
Рельсъ
Rotaia *6*
Carril

Schienenquerschnitt (m), Schienenprofil (n)
cross-section *or* section of the rail
profil (m) de rail



поперечное сѣченіе (n) *или* профиль (m) рельса
profilo (m) di rotaia *o* ruotaia *o* guida (f) *7*
perfil (m) del carril

Breitfußschiene (f) [Vignolesschiene (f)]
flange rail, flat bottom rail, Vignoles rail, girder rail (A)
rail (m) Vignole *ou* à patin



виньолевскій рельсъ (m); рельсъ съ широкой подошвой *или* пятой; рельсъ Виньоля; американскій рельсъ *8*
rotaia (f) Vignole *o* a base piana
carril (m) Vignole *ó* de base plana *ó* americano

Schienenkopf (m)
head of the rail
champignon (m) du rail

a

головка (f) рельса
fungo (m) *o* testa (f) della rotaia *9*
cabeza (f) del carril

1	Kopfbreite (f) width of the head largeur (f) du champignon	b	ширина (f) головки larghezza (f) del fungo ancho (m) de la cabeza
2	Schienensteg (m) web of the rail âme (f) du rail, corps (m) du rail	c	шейка (f) *или* стержень (m) рельса stelo (m) *o* gambo (m) di rotaia alma (f) *ó* nervio (m) del carril
3	Stegstärke (f), Stegdicke (f) thickness of the web épaisseur (f) de l'âme	d	толщина (f) шейки *или* стержня spessore (m) dello stelo espesor (m) del alma
4	Schienenfuß (m) base, flange *or* foot of the rail patin (m) du rail	e	пята (f) рельса base (f) *o* piede (m) della rotaia patín (m) del carril
5	Schienenhöhe (f) depth of the rail hauteur (f) du rail	g	высота (f) рельса altezza (f) della rotaia altura (f) del carril
6	Kopfhöhe (f) height of head hauteur (f) du champignon	h	высота (f) головки altezza (f) del fungo altura (f) de la cabeza
7	Stuhlschiene (f), Doppelkopfschiene (f), Ochsenkopfschiene (f) chair-rail, bull-headed rail, double headed rail rail (m) à double champignon *ou* à coussinet	a	рельсъ (m) на стульяхъ; двухголовый *или* двухголовчатый рельсъ rotaia (f) a doppio fungo dissimetrico carril (m) de doble cabeza *ó* de doble hongo
8	Fahrkopf (m) bull head, head of rail champignon (m) de roulement	c	головка (f) подъ ѣзду; верхняя головка fungo (m) di scorrimento cabeza (f) de rodadura
9	Unterkopf (m) base of rail champignon (m) d'appui	d	нижняя головка (f) fungo (m) di base cabeza (f) de apoyo
10	Flachkopfschiene (f) flat-headed rail rail (m) à champignon plat		рельсъ (m) съ плоской головкой rotaia (f) a fungo piatto carril (m) de cabeza plana
11	birnenförmiger Schienenkopf (m) pear-shaped rail-head champignon (m) de rail en poire		грушевидная головка (f) рельса fungo (m) di rotaia a pera cabeza (f) de carril periforme *ó* en forma de pera

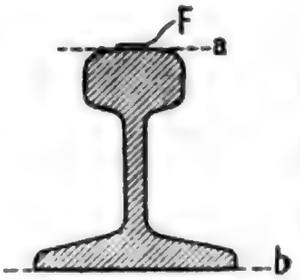
Unterschneidung (f) des Kopfes
bevelling the underside of the head
entaillage (m) inférieur du champignon

a

подрѣзаніе (n) головки
rastremazione (f) del fungo
recorte (m) ó entalladura (f) inferior de la cabeza del carril

1

Schienenoberkante (f)
top of rail
dessus (m) du rail



a

верхній край (m) головки рельса
spigolo (m) superiore della rotaia
cara (f) superior del carril

2

Schienenunterkante (f)
bottom of the rail
dessous (m) du rail

b

подошва (f) рельса
spigolo (m) inferiore della rotaia
cara (f) inferior del carril

3

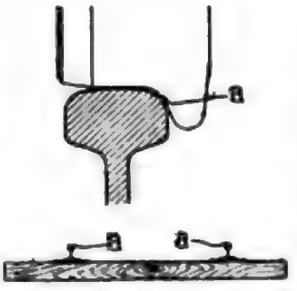
Schienenlauffläche (f), Kopffläche (f) der Schiene
running surface *or* tread of rail
surface (f) *ou* table (f) de roulement du rail

F

поверхность (f) катанія рельса
superficie (f) di scorrimento della rotaia, superficie (f) di contatto *o* di lavoro della rotaia
superficie (f) de rodadura del carril

4

Fahrkante (f), Innenkante (f)
running edge, inner edge
côté (m) du roulement

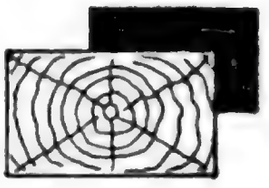


a

боковая грань (f) катанія
orlo (m) di scorrimento, spigolo (m) di contatto
borde (m) de rodamiento ó de rodadura

5

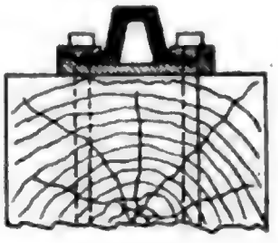
Flachschiene (f)
flat-rail, plate-rail
rail (m) plat



плоскій рельсъ (m)
rotaia (f) piatta
carril (m) plano

6

Brückschiene (f), [Brunelschiene (f)]
bridge rail [Brunel-rail]
rail (m) Brunel *ou* de pont

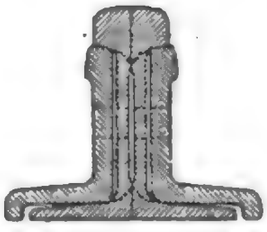


коробчатый рельсъ (m); рельсъ Брюнеля
rotaia (f) Brunel *od* a ponte
carril (m) Brunel

7

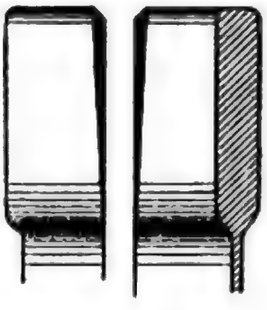
1 Pilzschiene (f)
single-headed rail
rail (m) à champignon unique, rail (m) en T

рельсъ (m) грибовиднаго сѣченія; одноголовый *или* одноголовчатый рельсъ
rotaia (f) a fungo unico
carril (m) de una sola cabeza, carril (m) en T



2 Wechselstegschiene (f)
rail with compound *or* built-up web
rail (m) à âme composée changeable

рельсъ (m) съ составной шейкой
rotaia (f) a stelo asimmetrico *o* composto
carril (m) de alma compuesta



3 die Kanten abfasen (v) *oder* abschrägen (v) *oder* brechen (v)
to chamfer, to bevel off the edges
écorner (v) le rail, émousser (v) *ou* chanfreiner (v) les arêtes du rail

скашивать кромки рельса
smussare (v) gli spigoli
descornar (v) *ó* achaflanar (v) las aristas del carril

---

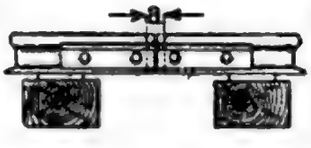
4 die Schienenenden verschweißen (v)
to weld the ends of the rails
souder (v) les bouts des rails (à la chaude soudante)

сваривать концы рельсовъ
saldare (v) le rotaie a caldo
soldar (v) los extremos de los carriles (al blanco soldante)

---

5 Wärmeausdehnung (f) der Schienen
expansion *or* extension of the rails due to heat
dilatation (f) des rails par la chaleur

удлиненіе (n) рельсовъ отъ дѣйствія температуры
dilatazione (f) delle rotaie per calore
dilatación (f) de los carriles por la acción del calor



a

6 Wärmelücke (f) *oder* Wärmespielraum (m) der Schienen
gap *or* space allowed for expansion
jeu (m) de dilatation au joint

стыковой зазоръ (m)
giuoco (m) *od* intervallo (m) *od* agio (m) tra rotaie
juego (m) *ó* intersticio (m) de dilatación en la junta

---

7 Lochung (f) der Schiene
drilling of the rail
perçage (m) du rail

просверливаніе (n) рельса
foratura (f) delle rotaie
taladrado (m) del carril

---

8 die Schiene lochen (v)
to drill the rail
percer (v) le rail

просверливать рельсъ
forare (v) la rotaia
taladrar (v) *ó* barrenar (v) el carril

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Innenneigung (f) *oder* Querneigung (f) der Schienen, Schienenneigung (f)
tilt *or* cant of the rail
inclinaison (f) intérieure du rail [sur la verticale]

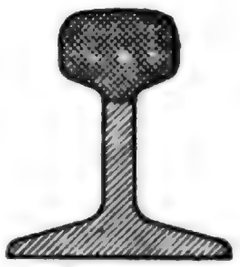
наклонъ (m) рельса внутрь пути
inclinazione (f) della rotaia verso l'interno
inclinación (f) del carril hacia el interior de la via

1

Stahlschiene (f)
steel rail
rail (m) en acier

стальной рельсъ (m)
rotaia (f) d'acciaio
carril (m) de acero

2



Eisenschiene (f) mit Stahlkopf
iron rail with steel head
rail (m) de fer à tête d'acier

желѣзный рельсъ (m) со стальною головкою
rotaia (f) di ferro dolce con fungo d'acciaio
carril (m) de hierro con cabeza de acero

3

Schienenstahl (m)
rail-steel
acier (m) à rails

рельсовая сталь (f)
acciaio (m) da rotaia
acero (m) para carriles

4

Walzzeichen (n)
rolling mark
marque (f) du laminoir

выкатанное клеймо (n) [завода]; марка (f) завода
marca (f) del laminatoio
marca (f) del laminador

5

Bestreichung (f) der Fahrkante mit Graphitbrei
painting the rail head with graphite paste
graissage (m) des champignons [avec de la bouillie de graphite]

смазываніе (n) поверхности головки графитовой кашицей
lubrificare (v) la rotaia con grafite
dar (v) una capa de grafito á la superficie de la cabeza

6

Verbiegung (f) des Schienensteges
deformation *or* crippling of the web of the rail
déformation (f) de l'âme du rail

изгибъ (m) шейки рельса
piegamento (m) dello stelo della rotaia
alabeamiento (m) ó deformación (f) del alma del carril

7

Verdrückung (f) *oder* seitliche Abnutzung (f) des Schienenkopfes
crushing of the rail head
écrasement (m) du champignon du rail

смятіе (n) головки рельса
schiacciamento (m) del fungo della rotaia
aplastamiento (m) de la cabeza del carril

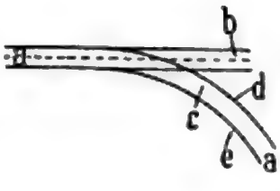
8

Ablaufhöhe (f) *oder* zulässige Abnutzungshöhe (f) des Schienenkopfes
wearing depth of the rail head
limite (f) d'usure admissible du champignon

допускаемый износъ (m)
consumo (m) *o* logoramento (m) massimo ammissibile del fungo della rotaia
altura (f) de desgaste admisible del carril

9

h

Schienenbruch (m) 1 rail breakage rupture (f) de rail		изломъ (m) рельса rottura (f) di rotaia rotura (f) del carril
3. Gleisführung 2 **Track laying** **Tracé de la Voie**		**Укладка пути** **Tracciato del Binario** **Trazado de la Vía**
Gleislage (f) 3 position of the track *or* line position (f) de la voie		положеніе (n) пути posizione (f) del binario posición (f) de la vía
Höhenlage (f) des Gleises 4 level of the track *or* line niveau (m) de la voie		высота (f) расположенія пути livello (m) del binario nivel (m) de la vía
Gleislänge (f) 5 length of the track longueur (f) de la voie		длина (f) пути lunghezza (f) del binario longitud (f) de la vía
Richtung (f) des Gleises 6 direction of the track direction (f) de la voie		направленіе (n) пути direzione (f) del binario dirección (f) de la vía
Tragfähigkeit (f) des Gleises 7 carrying capacity of the track charge (f) *ou* résistance (f) de la voie		прочность (f) *или* устойчивость (f) пути portata (f) del binario fuerza (f) portante *ó* elástica de la vía
Steifigkeit (f) des Gleises 8 rigidity of the track rigidité (f) de la voie		жёсткость (f) пути rigidezza (f) del binario rigidez (f) de la vía
Fahrbahn (f) road 9 chemin (m) de roulement, voie (f) de roulement		желѣзнодорожный путь (m); полотно (n) piano (m) *o* tavola (f) di scorrimento camino (m) *ó* vía (f) de rodadura
Gleisstrang (m) 10 railway track file (f) de rails		рельсовый путь (m) tratto (m) di rotaie, tratto (m) di binario fila (f) de carriles
Gleisachse (f) 11 centre line of track axe (m) de la voie	a b	ось (f) пути asse (m) del binario eje (m) de la vía
Gleiskrümmung (f), Gleisbogen (m) 12 curve courbe (f) de la voie	c	закругленіе (n) *или* кривая (f) *или* поворотъ (m) пути curva (f) del binario curva (f) de la vía
Bogenschiene (f) 13 curved rail rail (m) courbé *ou* cintré		изогнутый рельсъ (m) rotaia (f) per curva carril (m) de curva

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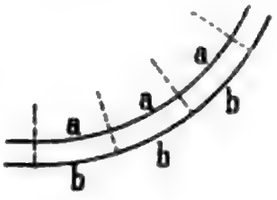
Außenschiene (f) outer rail rail (m) extérieur	d	наружный рельсъ (m) rotaia (f) esterna carril (m) exterior	1
Innenschiene (f) inner rail rail (m) intérieur	e	внутренній рельсъ (m) rotaia (f) interna carril (m) interior	2
Horizontalkraft (f) horizontal thrust *or* pressure force (f) horizontale	 H	горизонтальная сила(f) forza (f) orizzontale fuerza (f) horizontal	3
Schienenüberhöhung(f), Überhöhung (f) der Schienen super-elevation *or* cant of the track surhaussement (m) *ou* dévers (m) des rails	 a	подъёмъ (m) наружнаго рельса; возвышеніе (n) рельса sopraelevazione (f) della rotaia peralte (m) ó sobre-elevación (f) de los carriles	4
Überhöhungsrampe (f) gradient due to super-elevation rampe (f) de dévers *ou* de surhaussement		переходъ (m) къ повышенію рельса rampa (f) di sopraelevazione rampa (f) del peralte	5
Bogeneinlauf (m) commencement of the curve, tangent point entrée (f) en courbe	 a	переходъ (m) въ кривую entrata (f) in curva entrada (f) en curva	6
Ausgleichschiene (f), Krümmungsschiene (f) make-up rail, closing rail rail (m) compensateur, rail (m) court pour courbes	 a	уравнительный *или* укороченный рельсъ (m) rotaia (f) compensatrice, rotaia (f) corta per curve carril (m) compensador, carril corto para curvas	7
Vollschiene (f), Regelschiene (f) standard rail length rail (m) normal, rail (m) de longueur normale *ou* courante	b	рельсъ (m) нормальной длины rotaia (f) [di lunghezza] normale carril (m) [de longitud] normal	8
eingleisig (adj) single line à une voie		одноколейный; въ одинъ путь binario (m) singolo de una vía	9
zweigleisig(adj), doppelgleisig (adj) double line à double voie		двухколейный; въ два пути binario (m) doppio de vía doble	10

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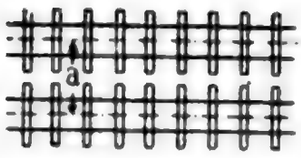
1 Parallelgleis (n), Doppelgleis (n)
double line *or* track
double voie (f) *ou* voies (f pl) parallèles



двойной путь (m)
doppio binario (m) parallello
doble vía (f)

2 Gleisentfernung (f), Gleismittenabstand (m)
distance between centres of lines
largeur (f) d'entre-axe, écartement (m) d'axe en axe des voies

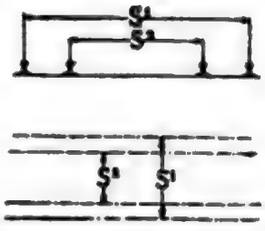
a

разстояніе (n) между осями путей
interasse (m) dei binari
separación (f) de los ejes de las vías

3 Gleiszwischenraum (m)
six-foot way
entre-voie (f)

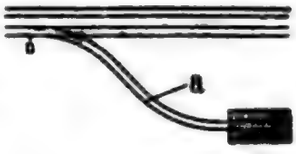
междопутье (n)
intervallo (m) dei binari
entrevía (f)

4 zweispuriges Gleis (n)
double gauge line
ligne (f) à deux voies



линія (f) въ два разноколейныхъ пути
binario (m) a scartamento doppio
linea (f) de dos vías de ancho diferente

5 Anschlußgleis (n)
connecting line
voie (f) de raccordement, raccordement (m)



a

примыкающій путь (m)
binario (m) di raccordo
vía (f) de unión *ó* de empalme

6 Gleisverschlingung (f)
overlapping *or* interlacing of lines
interposition (f) de voie

сплетеніе (n) путей
innesto (m) di binario
enlace (f) de las vías

7 Gleisnetz (n)
network of lines
réseau (m) de voies

сѣть (f) путей
rete (f) dei binari
red (f) de vías

4. Schienenunterlage
Sleepers (Ties A) etc.
8 **Support des rails, assise des rails**

Рельсовыя опоры
Sopporto della rotaia
Asiento de los carriles

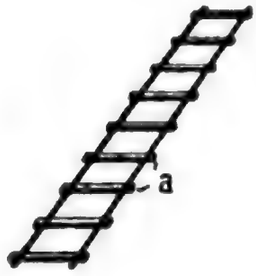
9 Schwelle (f)
sleeper, tie (A)
traverse (f) *ou* bille (f)

шпала (f); поперечина (f)
traversina (f)
traviesa (f), larguero (m) (según el caso)

10 Unterschwellung (f)
sleepers (pl), ties (pl) A
ensemble (m) des traverses

система (f) шпалъ или поперечинъ
insieme (m) di traversine
conjunto (m) de traviesas

Querschwellenoberbau (m)
cross-sleeper (cross-tie A) track
établissement (m) des voies sur traverses



верхнее строеніе (n) на поперечинахъ *или* на шпалахъ
armamento (f) con traversine
superstructura (m) con traviesas

1

Querschwellengleis (n)
rails on cross-sleepers (cross-ties A)
voie (f) sur traverses

путь (m) на поперечинахъ *или* на шпалахъ
binario (m) a traversine
via (f) con traviesas

2

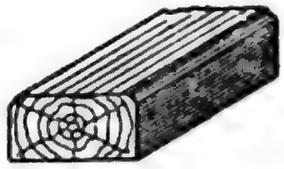
Querschwelle (f)
cross-sleeper, transverse sleeper, cross-tie (A)
traverse (f), supports (m pl) conjugués

a

поперечина (f); шпала (f)
traversina (f), traversa (f)
traviesa (f)

3

Holz[quer]schwelle (f)
timber [cross] sleeper *or* tie (A)
traverse (f) en bois



деревянная шпала (f) [*или* поперечина (f)]
traversina (f) di legno
traviesa (f) de madera

4

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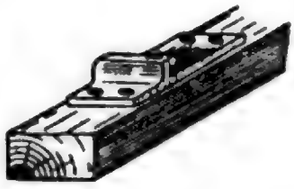
rechteckige Schwelle (f)
rectangular sleeper *or* tie (A)
traverse (f) rectangulaire



брусковая прямоугольная шпала (f)
traversina (f) rettangolare
traviesa (f) rectangular

5

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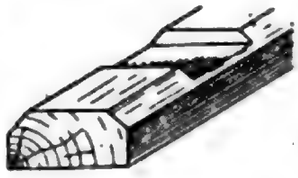
trapezförmige Schwelle (f)
bevelled rectangular sleeper *or* tie (A)
traverse (f) trapéziforme



брусковая трапецоидальная шпала (f)
traversina (f) trapeziforme
traviesa (f) trapecial

6

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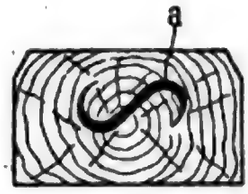
halbkreisförmige Schwelle (f)
half-round sleeper *or* tie (A)
traverse (f) semi-circulaire *ou* demi-ronde

пластинная шпала (f); пластина (f)
traversina (f) semi tonda *o* mista
traviesa (f) semi-circular

7

Kopfende (f) der Schwelle, Schwellenkopf (m)
butt-end of sleeper *or* tie (A)
bout (m) *ou* about (m) de traverse



торецъ (m) шпалы
estremità (f) di traversina
extremo (m) de la traviesa

8

S-Klammer (f), Schwellenklammer (f)
cramp-iron
crampon (m) *ou* S *ou* agrafe (f) de traverse

a

S-образная лапка (f) *или* клямера (f)
rampone (m) di traversina
grapón (m) *ó* garfio (m) de traviesa

9

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1	Datumsnagel (m) date nail clou (m) portant la date, marque (f) de pose	гвоздь (m) съ клеймомъ на головкѣ chiodo (m) di data clavo (m) indicador de la fecha
2	Hartholzschwelle (f) hard-wood sleeper *or* tie (A) traverse (f) en bois dur	шпала (f) изъ твёрдаго дерева traversina (f) in legno duro traviesa (f) de madera dura
3	Weichholzschwelle (f) soft-wood sleeper *or* tie (A) traverse (f) en bois tendre	шпала (f) изъ мягкаго дерева traversina (f) in legno dolce traviesa (f) de madera blanda
4	Schwellenholz (n) wood for sleepers *or* ties (A) bois (m) pour traverses	лѣсъ (m) [годный] для шпалъ; дерево (n), идущее на шпалы legname (m) per traversine madera (f) para traviesas
5	Holzart (f) kind of wood essence (f) (de bois), genre (m) *ou* sorte (f) de bois	древесная порода (f) genere (m) *o* quàlità (f) di legname especie (f) *ó* género (m) *ó* clase (f) de maderas
6	Laubholz (n) leaf-wood bois (m) à feuilles caduques	лиственное дерево (n); лиственный лѣсъ (m) legname (m) di fronda arbol (m) que pierde sus hojas en invierno
7	Nadelholz (n) pine wood bois (m) de conifère, bois (m) d'arbres à feuilles aciculaires *ou* persistantes	хвойный лѣсъ (m); хвойное дерево (n) legno (m) di conifere arboles (m pl) verdes *ó* de hoja perenne
8	Kernholz (n) heartwood bois (m) de coeur	сердцевина (f) дерева legno (m) tolto dal cuore del tronco médula (f), corazón (m) del árbol
9	Splintholz (n) sapwood aubier (m)	заболонь (m); оболонь (m) legno (m) alburno albura (f)
10	Fäulnis (f) decay, rot pourriture (f)	гніеніе (n) putrefazione (f) pudrimiento (m), putrefacción (f)
11	Fäulnisbeständigkeit (f) property of being rot-proof imputrescibilité (f)	степень (f) подверженности загниванію imputrescibilità (f) imputrescibilidad (f), incorruptibilidad (f)

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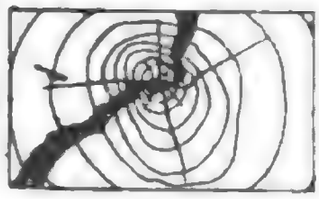
Reißen (n) *oder* Spalten (n) des Holzes
splitting of the wood, appearing of shakes in the wood
crevassement (m) du bois



растрескиваніе (n) дерева; образованіе (n) трещинъ въ деревѣ
spaccarsi (m) del legno
resquebradura (f) ó agrietado (m) de la madera

1

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lufttrockenes Holz (n)
air-seasoned *or* air-dried wood
bois (m) séché à l'air

дерево (n) воздушной сушки; лѣсъ (m), просушенный на воздухѣ
legno (m) seccato all'aria
madera (f) secada al aire

2

Erhaltungsverfahren (n), Konservierungsverfahren (n)
pickling, process of conservation *or* preservation *or* treatment (A)
procédé (m) de conservation

способъ (m) предохраненія отъ гніенія
processo (m) di conservazione
procedimiento (m) de conservación

3

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das Holz auslaugen (v)
to steep the wood in water
dessévage (m) du bois

выщелачивать дерево
stagionare (v) il legno nell'acqua, lisciviare (v) il legno
lavar (v) con lejía la madera, lijiviación (f) de la madera

4

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das Holz dämpfen (v)
to steam the wood
traiter (v) le bois à la vapeur *ou* sécher (v) le bois

выпаривать дерево
stagionare (v) il legno a vapore, trattare (v) il legno al vapore
vaporizar (v) la madera, someter (v) la madera á la acción del vapor

5

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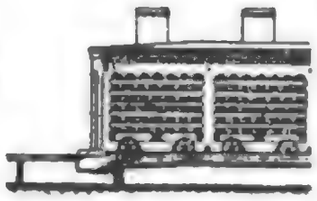
das Holz dörren (v)
to dry the wood [in a stove], to stove the wood, to season the wood artifically
dessécher (v) le bois à l'étuve

сушить дерево въ печи
disseccare (v) il legno
desecar (v) la madera en estufas

6

Schwellendörrofen (m), Trockenofen (m)
drying stove, stove for drying sleepers *or* ties (A)
étuve (f) de dessiccation de traverses, étuve (f) à dessécher les traverses *ou* de séchage



печь (f) для сушки шпалъ
forno (m) essiccatore per trasversine
estufa (f) de desecación de traviesas, estufa (f) para desecar las traviesas

7

Vulkanisieren (n) des Holzes
vulcanising of wood
séchage (m) par l'air chaud sous pression

сушка (f) *или* высушиваніе (n) подъ давленіемъ въ нагрѣтомъ воздухѣ
vulcanizzazione (f) del legno
vulcanización (f) de la madera

8

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oberflächliche Verkohlung (f)
1 superficial charring
carbonisation (f) superficielle

обугливаніе (n) поверхности
carbonizzazione (f) superficiale
carbonización (f) superficial

Tränkung (f) *oder* Imprägnierung (f) der Schwellen
2 impregnation of sleepers *or* ties (A)
imprégnation (f) des traverses, injection (f) des traverses

пропитываніе (n) *или* пропитка (f) шпалъ
iniezione (f) delle traversine
impregnación (f) *ó* inyección (f) de las traviesas

---

die Schwellen tränken (v) *oder* imprägnieren (v)
3 to impregnate the sleepers *or* ties (A)
imprégner (v) les traverses, injecter (v) les traverses

пропитывать шпалы
iniettare (v) le traversine
impregnar (v) *ó* inyectar (v) las traviesas

---

getränkte Schwelle (f)
4 impregnated *or* treated sleeper *or* tie (A)
traverse (f) imprégnée *ou* injectée

пропитанная шпала (f)
traversina (f) iniettata
traviesa (f) impregnada *ó* inyectada

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rohe *oder* ungetränkte Schwelle (f)
5 untreated *or* un-impregnated sleeper *or* tie (A)
traverse (f) non imprégnée *ou* non injectée

непропитанная шпала (f)
traversina (f) non iniettata
traviesa (f) no impregnada *ó* no inyectada

Tränkverfahren (n), Imprägnierungsverfahren (n)
6 method of impregnation *or* treatment
procédé (m) *ou* méthode (f) d'imprégnation

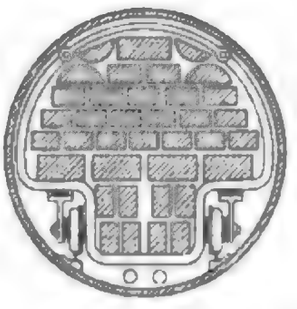
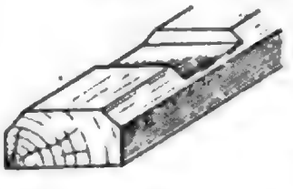
способъ (m) пропитыванія *или* пропитки
processo (m) d'iniezione
procedimiento (m) de inyección *ó* de impregnación

Tränkungsflüssigkeit (f), Tränkungsstoff (m)
7 impregnating *or* preservative liquid *or* fluid
liquide (m) *ou* matière (f) d'imprégnation *ou* d'injection

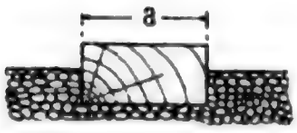
пропитывающая жидкость (f); пропитывающій растворъ (m); вещество (n) для пропитыванія
liquido (m) *o* bagno (m) d'iniezione
liquido (m) *ó* baño (m) de inyección

Tränken (n) mit Quecksilbersublimat, Kyanisieren (n)
8 cyanising, impregnation with corrosive sublimate
cyaniser (v), imprégner (v) *ou* injecter (v) au bichlorure de mercure

пропитываніе (n) сулемой *или* двухлористой ртутью; кіанизированіе (n)
trattare (v) col processo Kyan, iniettare (v) col bicloruro di mercurio
cianizar (v), inyectar (v) con bicloruro de mercurio

Kupfervitriol (n), Kupfersulfat (n) copper sulphate sulfate (m) de cuivre	$CuSO_4$	мѣдный купоросъ (m); средняя сѣрномѣдная соль (f) solfato (m) di rame sulfato (m) de cobre	1
mit Kupfervitriol tränken (v) to impregnate *or* treat with copper sulphate, to boucherise injecter (v) au sulfate de cuivre		пропитывать мѣднымъ купоросомъ iniettate (v) con solfato di came impregnar (v) *ó* inyectar (v) con sulfato de cobre	2
Zinkchlorid (n), Chlorzink (n) chloride of zinc chlorure (m) de zinc		хлористый цинкъ (m) cloruro (m) di zinco cloruro (m) de cinc	3
[karbolsäurehaltiges] Teeröl (n) [Kreosot (n)] coal tar oil, creosote créosote (f)		креозотъ (m) creosoto (m) aceite (m) de alquitrán, creosota (f)	4
Karbolineum (n) carbolineum carbolineum (m)		карболинеумъ (m) carbolineum (m) carbolinéum (m)	5
mit Teeröl tränken (v), kreosotieren (v) to creosote créosotage (m)		пропитывать креозотомъ iniezione (f) con creosoto inyectar (v) con creosota	6
Einpressen (n) des Teeröles to force in *or* inject the creosote under pressure injection (f) d'huile de goudron sous pression		пропитываніе (n) креозотомъ подъ давленіемъ iniezione (f) d'olio di catrame sotto pressione inyección (n) del aceite de alquitrán *ó* de la creosota á presión	7
Saugverfahren (n), Emulsionsverfahren (n) emulsion process procédé (m) par émulsion		эмульсіонный способъ (m) processo (m) d'emulsione procedimiento (m) de emulsión	8
Tränkungskessel (m), Tränkungszylinder (m) impregnating cylinder chaudière (f) d'injection *ou* d'imprégnation		котёлъ (m) для пропитыванія caldaia (f) per iniezioni, tubo (m) per iniezioni caldera (f) de inyección *ó* de impregnación	9
Schienen[auf]lager (f) der Schwelle rail seat on the sleeper entaille (f) de la traverse		зарубка (f) для рельса на шпалѣ intaglio (m) *od* incavo (m) delle traversine mortaja (f) *ó* entalladura (f) de la traviesa	10

1 Auflagerbreite (f)
width of bearing *or* of seat
largeur (f) d'appui



a

ширина (f) зарубки
larghezza(f)dell'intaglio
anchura (f) de apoyo

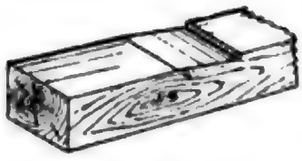
---

2 Anarbeiten (n) der Schwellen
preparing the sleepers *or* ties (A)
préparer (v) les traverses

заготовка (f) шпалъ
preparare (v) le traversine
preparar (v) las traviesas

---

3 Kappen (n) *oder* Dechseln (n) des Schienenlagers
to adze *or* to form rail seats
saboter (v) *ou* entailler (v) les traverses



затёска (f) *или* зарубка (f) шпалъ
inzoccolatura (f) delle traversine
entallado (m) *ó* cajeado (m) de las traviesas

---

4 die Auflagestelle nachdechseln (v)
to re-adze the rail seat
dresser (v) les entailles, resaboter (v) les traverses

вытесать поверхность зарубки
aggiustare (v) gl'intagli
acabar (v) *ó* rectificar (v) los entalladuras

---

5 Befestigung (f) der Schienen
securing *or* fixing of rails
fixation (f) *ou* attache (f) des rails

прикрѣпленіе (n) *или* пришивка (f) рельсовъ
attacco (m) delle rotaie
fijación (f) *ó* sujeción (f) de los carriles

---

6 Haftfestigkeit (f)
holding power
solidité (f) de l'attache

прочность (f) прикрѣпленія
solidità (f) d'attacco
solidez (f) de la sujeción [de los carriles]

---

7 Umkanten (n) der Schiene
canting *or* tilting over of the rail
déversement (m) du rail, renversement (m) du rail

опрокидываніе (n) рельса
ribaltamento (m) *o* rovesciamento (m) della rotaia
[acción de] derribar el carril

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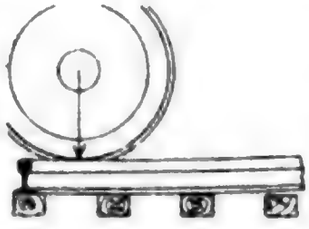
8 Abheben (n) der Schiene
lifting-off of the rail
soulèvement (m) du rail (sur la traverse)



приподыманіе (n) рельса
sollevamento (m) della rotaia
levantar (v) *ó* retirar (v) el carril

---

9 Befestigungsmittel (n)
fastenings (pl)
moyen (m) de fixation

рельсовыя скрѣпленія (n pl)
mezzo (m) d'attacco
medio (m) de sujeción

Kleineisenzeug (n)
small iron fittings (pl) for the permanent way
petit matériel (m) de la voie, accessoires (m pl) de la voie

скрѣпленія (n pl); мелкія поковки (f pl)
attacchi (m pl) delle rotaie, piccolo materiale (m) d'armamento
accesorios (m pl) de la via, pequeño material (m)

1

Schienennagel (m), Hakennagel (m)
dog spike, rail-spike, dog-headed spike
crampon (m) de rail

рельсовый костыль (m)
arpione (m) per rotaie
escarpia (f) de carril, grapón (m), alcayata (f)

2

Vierkantnagel (m), vierkantiger Nagel (m)
square spike
crampon (m) carré

четырёхгранный костыль (m)
arpione (m) quadro
escarpia (f) cuadrada

3

Achtkantnagel (m), achtkantiger Nagel (m)
octagonal spike
crampon (m) octogonal

восьмигранный костыль (m)
arpione (m) ottagonale
escarpia (f) octogonal

4

Rillennagel (m)
grooved spike
crampon (m) à gorge

костыль (m) съ желобкомъ
arpione (m) scanalato
escarpia (f) con ranura

5

eingekerbter Nagel (m)
fluted spike
crampon (m) à encoche

костыль (m) съ выемками
chiodo (m) intagliato
escarpia (f) con entalladura

6

gezahnter Nagel (m)
notched spike
crampon (m) en fer de lance

заершённый костыль (m)
chiodo (m) addentato
escarpia (f) lanceolada

7

1	bajonettförmiger Schienennagel (m) bayonet-shaped spike crampon (m) à baionnette	штыкообразный костыль (m) chiodo (m) di rotaia a forma di baionetta escarpia (f) de bayoneta
2	Schwellenschraube (f) Schienenschraube (f) coach screw tirefond (m)	рельсовый шурупъ (m) (винтъ (m)) vite (f) a legno *od* a mordente tirafondo (m)
3	Dorn (m), Vierkant (n) stud carré (m) *ou* tête (f) de tirefond	шипъ (m) spino-quadro (m) apéndice (m) del tirafondo
4	durchgehender Ankerbolzen (m) fangbolt, crab-bolt boulon (m) d'ancrage passant	сквозной анкерный болтъ (m) bullone (m) traversante perno (m) de anclaje passante
5	Schwelle (f) mit Hartholzeinlage sleeper *or* tie with hard wood cushion *or* seating traverse (f) avec cale en bois dur	шпала (f) со вставкой изъ твёрдаго дерева traversa (f) in legno duro traviesa (f) con incrustación de madera dura
6	Verdübelung (f) der Schwellen dowelling *or* plugging the sleepers chevillage (m) *ou* assemblage (m) à goujons *ou* tirefonnage (m) des traverses	загонка (f) закрѣповъ въ шпалы; задѣлка (f) въ шпалы пробокъ incavigliamento (m) delle traversine enclavillado (m) *ó* empernado (m) de las traviesas
7	verdübelte Schwelle (f) plugged sleeper traverse (f) chevillée	шпала (f), снабженная закрѣпами *или* пробками traversa (f) incavigliata traviesa (f) fija con clavijas
8	Hartholzdübel (m) hard wood plug-dowel cheville (f) en bois dur	закрѣпъ (m) *или* пробка (f) изъ твёрдаго дерева caviglia (f) in legno duro clavija (f) de madera dura

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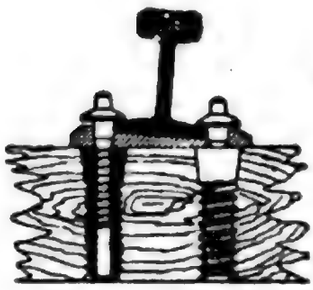
Schraub[en]dübel (m)
screwed plug *or* dowel
chéville (f) en bois vissée



закрѣпъ (m) *или* пробка въ видѣ шурупа
caviglia (f) di legno a vite
clavija (f) helicoidal *1*

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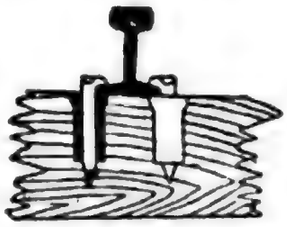
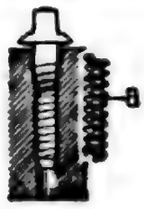
glatter Dübel (m)
smooth plug *or* dowel
cheville (f) lisse



гладкая пробка (f); гладкій закрѣпъ (m) [*или* дюбель (m)]
caviglia (f) liscia
clavija (f) lisa *2*

Futterschraube (f), Spiraldübel (m)
screw-thread bush, spiral dowel
garniture (f) métallique en hélice



a

ввёртышъ (m)
caviglia (f) a spirale
espiral (f) de alambre (que se fija en el interior de la madera) *3*

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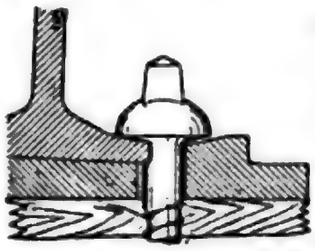
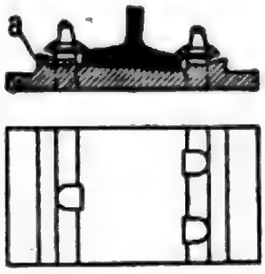
der Schienenfuß schleift sich ein
the foot of the rail cuts in
le patin du rail s'encastre dans le boulon *ou* rode son boulon d'attache



пята (f) *или* подошва (f) рельса врѣзается *или* заѣдается
la base della rotaia s'incastra per sfregamento
el patin del carril se esmerila en el tirafondo *4*

Unterlageplatte (f), Unterlagsplatte (f)
bearing plate, sole-plate, tie-plate (A)
selle (f) *ou* semelle (f) de rail, plaque (f) d'assise de rail, platine (f) de rail



подкладка (f)
piastrina (f) d'appoggio per la base
soporte (m) de carril, placa (f) de asiento de carril *5*

Randleiste (f)
bearing rib
rebord (m), talon (m)

a

реборда (f)
spalla (f) d'appoggio
nervio (m) formando borde, reborde (m) *6*

---

keilförmige [offene] Unterlageplatte (f), Unterlageplatte (f) mit Neigung
wedge-shaped sole-plate *or* tie plate (A)
selle (f) en forme de coin

клинообразная прокладка (f)
piastrina (f) d'appoggio cuneiforme
silla (f) *ó* placa (f) de asiento cuneiforme *ó* en forma de cuña *7*

Filzunterlage (f)
felt rest *or* pad
semelle (f) de feutre

войлочная прокладка (f)
strato (m) di feltro
base (f) *ó* placa (f) de asiento de fieltro *8*

Gewebebauplatte (f)
woven pad
plaque (f) d'appui en tissu

прокладка (f) изъ ткани
strato (m) d'appoggio di tessuto
placa (f) de fibra *9*

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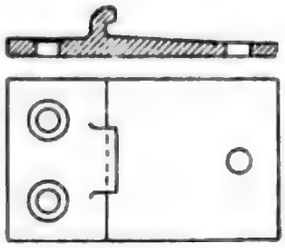
1 Einschneiden (n) der Schwelle
notching of the sleeper
entaillage (m) de la traverse

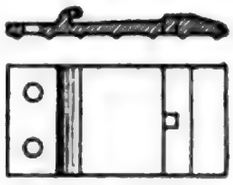
зарубка (f) шпалы
inzoccolatura (f) della traversina
entallado (m) de la traviesa

2 Hakenplatte (f), Krempenplatte (f)
shouldered sole plate *or* tie-plate, hooked sole plate *or* tie-plate
selle (f) à crochet



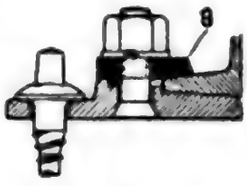
крючковатая подкладка (f); подкладка съ ребордою
piastrina (f) *o* ritegno a sopporto
silla (f) *ó* placa (f) de asiento con gancho

3 Hakenplatte (f) mit Zähnen
shouldered tie-plate with serrated base
selle (f) à crochet dentelée



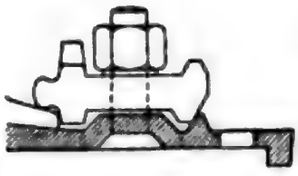
заершённая подкладка (f) съ ребордою
piastrina (f) dentellata ad uncino
silla (f) *ó* placa (f) de asiento con gancho y base dentada

4 Klemmplättchen (n), Klemmplatte (f)
clip
crapaud (m), plaque (f) de serrage



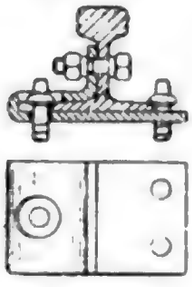
защемляющая пластинка (f) *или* планка (f)
piastrina (f) a rampone
ovalillo (m) *ó* placa (f) de apretamiento

5 Spannplatte (f), Unterlagespannplatte (f)
holding-down plate, clip-plate
plaque (f) de fixation



упругая подкладка (f) *или* прокладка (f)
piastrina (f) tenditrice
placa (f) de presión *ó* de sujeción

6 Laschenplatte (f)
fishing base plate, butt plat , joint sole plate
selle d'arrêt

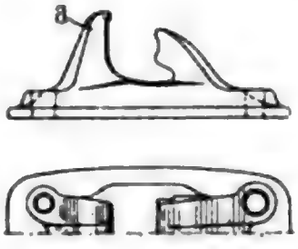


накладка (f)
piastrina (f) a stecca
placa (f) de unión

7 Stuhlplatte (f)
chair-plate, saddle coussinet-selle (m)

подкладка (f) -башмакъ (m); подкладка-подушка (f)
piastrina (f) a cuscinetto
placa-cojinete (f)

8 Schienenstuhl (m)
chair, rail chair
coussinet (m) de rail



рельсовая подушка (f) *или* подкладка (f); рельсовый башмакъ (m)
cuscinetto (m) di rotaia
cojinete (m) de carril

9 Stuhlbacke (f)
jaw of the chair
joue (f) de coussinet

a

щека (f) подушки *или* башмака
ganascia (f) del cuscinetto
montante (m) *ó* cara (f) (f) de cojinete

Stuhlbacke (f) mit Rippen
ribbed jaw
joue (f) de coussinet à nervures *ou* à crans

ребристая щека (f) башмака *или* подушки
ganascia (f) del cuscinetto con nervature
montante (m) de cojinete con nervios *1*

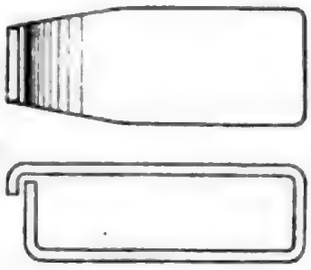
Keil (m) für Schienenstühle
chair key *or* wedge
cale (f) *ou* coin (m) pour coussinets

клинъ (m) для рельсовыхъ башмаковъ *или* подушекъ
cuneo (m) per cuscinetti di rotaie
calza (f) *ó* cuña (f) para cojinetes *2*

Holzkeil (m)
wood key
cale (f) en bois, coin (m) en bois

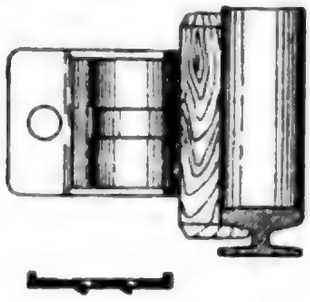
деревянный клинъ (m)
cuneo (m) in legno
calza (f) *ó* cuña (f) de madera *3*

Stahlkeil (m)
steel key
cale (f) en acier, coin (m) en acier



стальной клинъ (m)
cuneo (m) d'acciaio
calza (f) *ó* cuña (f) de acero *4*

Stuhl (m) mit Keilsicherung
chair with key
coussinet (m) à coins

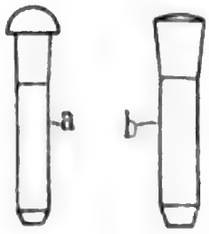


подушка (f) *или* башмакъ (m) съ клиномъ
cuscinetto (m) a cuneo
cojinete (m) de cuña asegurada *5*

Federkeil (m)
coiled key
coin (m) à ressort

клинъ (m) съ пружиною
cuneo (m) elastico
calza (f) *ó* cuña (f) de muelle *6*

Stuhlnagel (m)
trenail
cheville (f) de coussinet



костыль (m) для подушекъ *или* для башмаковъ
chiodo (m) per cuscinetto
clavija (f) de cojinete *7*

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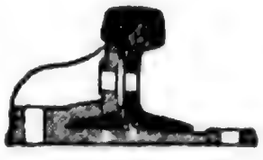
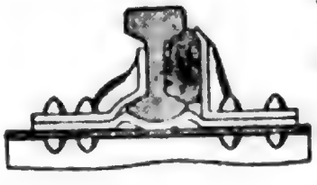
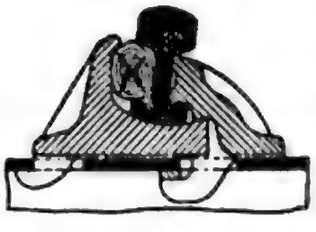
eiserner Stuhlnagel (m)
iron-trenail *or* spike
cheville (f) en fer pour coussinet

a

желѣзный костыль (m) для подушекъ *или* для башмаковъ
chiodo (m) in ferro per cuscinetto
clavija (f) de hierro para cojinetes *8*

hölzerner Stuhlnagel (m) 1 hard wood trenail cheville (f) en bois pour coussinet	b	деревянный костыль (m) для подушекъ *или* для башмаковъ chiodo (m) in legno per cuscinetto clavija (f) de madera para cojinetes
Schienenstuhl (m) mit sägeförmiger Grundfläche 2 chair with serrated base coussinet (m) à base denteé *ou* avec semelle à crans		рельсовая подушка (f) *или* подкладка (f) съ зазубренною подошвою cuscinetto (m) di rotaia con base a foggia di sega cojinete (m) con base dentada
einseitiger Schienenstuhl (m) 3 chair with one jaw, half chair coussinet (m) à une joue		односторонняя подушка (f) рельса cuscinetto (m) unilaterale cojinete (m) unilateral
schmiedeeiserner Schienenstuhl (m) 4 wrought iron chair coussinet (m) en fer forgé		кованная подушка (f) рельса cuscinetto (m) in ferro fucinato cojinete (m) de hierro forjado
zweiteiliger Schienenstuhl (m) 5 two-part chair coussinet (m) en deux pièces		подушка (f), состоящая изъ двухъ частей; башмакъ (m), состоящій изъ двухъ частей cuscinetto (m) in due pezzi cojinete (m) de dos piezas
eiserne Querschwelle (f), Eisenschwelle (f) 6 iron sleeper *or* tie (A), steel sleeper *or* tie (A) traverse (f) en fer		желѣзная поперечина (f); желѣзный лежень (m) traversina (f) in ferro traviesa (f) de hierro
Schwelle (f) mit keilförmigem Fußrande 7 trough sleeper *or* tie (A), with wedge-shaped edges traverse (f) avec bords triangulaires *ou* en forme de coin		поперечина (f) съ клинообразными закраинами *или* бортами traversina (f) ad orli d'appoggio cuneiformi traviesa (f) con borde de apoyo cuneiforme *ó* en forma de cuña
Schwellendecke (f), Schwellenkopfplatte (f) 8 top of sleeper dessus (m) *ou* table (f) supérieure de la traverse	a	верхъ (m) *или* верхняя полка (f) [крышка (f)] поперечины faccia (f) di appoggio della traversina plataforma (f) *ó* tabla (f) de la traviesa

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Schwelle (f) mit wagerechtem Fußrande
sleeper *or* tie (A) with horizontal rims, Vautherin-sleeper *or* tie (A)
traverse (f) à bords plats *ou* rabattus

поперечина (f) съ горизонтальными закраинами
traversina (f) ad orli d'appoggio orizzontali
traviesa (f) con borde de apoyo horizontal

1

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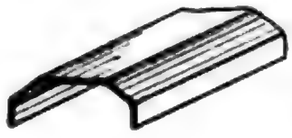
trogförmige Schwelle (f)
trough shaped sleeper *or* tie (A)
traverse (f) en forme d'auge renversée

трапецевидная поперечина (f)
traversina (f) a truogolo
traviesa (f) en forma de cajón



2

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hutförmige Schwelle (f)
hat-shaped sleeper *or* tie (A)
traverse (f) en forme de chapeau, traverse (f) en U renversé

шляпообразная поперечина (f)
traversina (f) in forma di cappello
traviesa (f) en forma de sombrero *ó* en forma de U invertida

3

Rippenschwelle (f)
ribbed sleeper
traverse (f) a nervures

ребристая поперечина (f)
traversina (f) a costole *o* nervature
traviesa (f) con nervios

4

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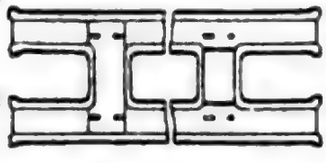
eiserne Doppelschwelle (f)
iron double sleeper
traverse (f) double en fer

желѣзная двойная поперечина (f)
traversina (f) doppia in ferro
traviesa (f) doble de hierro



5

Schwelle (f) mit I-förmigem Querschnitte, Carnegieschwelle (f)
I-section sleeper *or* tie (A)
traverse (f) en I

поперечина (f) двутавроваго сѣченія
traversina (f) a doppio T
traviesa (f) de sección en I

6

T-förmige Schwelle (f)
T-section sleeper *or* tie (A)
traverse (f) en T

T-образная поперечина (f); поперечина тавроваго сѣченія
traversa (f) a forma di T
traviesa (f) en T

7

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eingepreßte Neigung (f)
incline formed by pressure *or* pressing
inclinaison (f) formée à la presse hydraulique

штампованный изгибъ (m)
inclinazione (f) data col pressoio
inclinación (f) formada á la prensa hidráulica *ó* obtenida por presión hidráulica

8

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eingewalzte Neigung (f)
incline formed by rolling
inclinaison (f) formée par laminage

изгибъ (m), образованный при прокаткѣ
inclinazione (f) data col laminatoio
inclinación (f) formada por laminado

9

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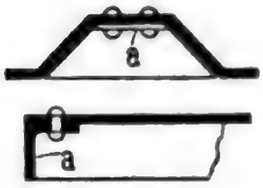
1 eingenieteter Querverschluß (m)
rivetted end diaphragm
bout (m) rivé



приклёпанный поперечный захватъ (m)
chiusura (f) trasversale inchiodata
cierre (m) transversal roblonado en su sitio

2 Verschlußwinkel (m)
angle-iron diaphragm
équerre (f) de fermeture *ou* de bout

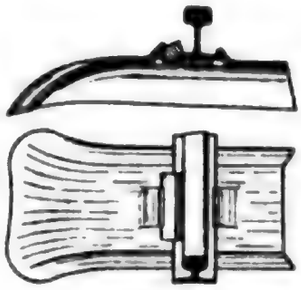
a

уголокъ (m), образующій захватъ
ferro (m) d'angolo di chiusura
escuadra (f) de cierre

3 die Schwellenköpfe aufschneiden (v)
to cut *or* notch the top of a sleeper *or* tie
ouvrir (v) *ou* échancrer (v) la tête des traverses

разрѣзать (разрѣзывать) концы поперечинъ
aprire (v) le teste delle traversine
abrir (v) las cabezas de las traviesas

4 Kopfverschluß (m)
closed end
fermeture (f) de la tête

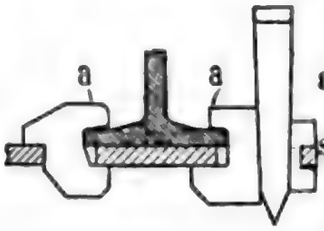


захватъ (m) *или* загибъ (m) концовъ поперечинъ
chiusura (f) di testa
cierre (m) de la cabeza *ó* del extremo de la traviesa

5 Schwelle (f) mit verbreitertem Kopfverschlusse
pea-pod sleeper
traverse (f) avec fermeture de tête évasée

поперечина (f) съ уширеннымъ концевымъ захватомъ *или* концевымъ загибомъ
traversa (f) con testa di chiusura allargata
traviesa (f) con cierre de cabeza ensanchada

6 Schienenbefestigung (f) mit Krampen und Keil
gib and cotter rail-fastening
attache (f) des rails à crampons et coins



укрѣпленіе (n) рельсовъ посредствомъ скобъ и клиньевъ
attacco (m) a cuneo e rampicone delle rotaie
sujeción (m) de los carriles con grapones y cunas

7 Krampen (m), Krampe (f)
gib
crampon (m)

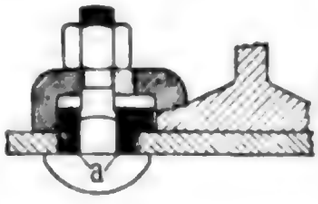
a

скоба (f)
rampicone (m)
grapón (m)

8 Spurabstufung (f)
graduation of the gauge
graduation (f) de l'écartement de voie

градація (f) *или* варіированіе (n) колеи
variazione (f) graduale dello scartamento
variación (f) gradual del ancho de la via

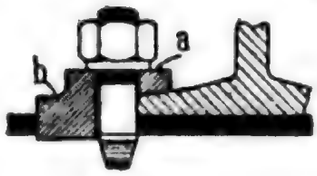
9 Spurplättchen (n), Spurplatte (f), Einlage (f)
gauge graduating *or* adjusting clip (m)
pièce (f) d'épaisseur, pièce (f) intercalaire, fourrure (f)



a

прокладка (f)
piastrina (f)
pieza (f) de suplemento, pieza (f) á intercalar

Klemmplatte (f) mit Spuransatz, rheinisches Klemmplättchen (n)
shouldered gauge graduating *or* adjusting clip
crapaud (m) à mentonnet



a

зажимная планка (f) съ отросткомъ; зажимная планка рейнской желѣзной дороги
piastrina (f) ad arpioni con sporgenza di scartamento
grapa (f) con barbilla

1

Spuransatz (m) des Klemmplättchens
shoulder of the clip
mentonnet (m) du crapaud

b

отростокъ (m) зажимной планки
sporgenza (f) di scartamento della piastrina ad arpioni
barbilla (f) de la grapa

2

Hakenschraube (f)
T-headed bolt
crampon (m) à vis

крюкообразный болтъ (m)
chiavarda (f) a becco
grapón (m) de tornillo

3

Bundmutter (f)
flanged-nut
écrou (m) à collet *ou* à embase

a

соединительная гайка (f)
dado (m) a colletto
tuerca (f) con base fija

4

Hakenschraube (f) mit Spuransatz
bolt with shouldered T-head
crampon (m) à vis avec mentonnet

крюкообразный болтъ (m) съ отросткомъ
chiavarda (f) a becco con grossezza di scartamento
grapón (m) de tornillo con barbilla

5

Hakenschraube (f) mit Kugelkopf
bolt with ball head
crampon (m) à vis avec tête spherique

крюкообразный болтъ (m) съ шаровой головкой
chiavarda (f) a capocchia sferica
grapón (m) de tornillo con cabeza esférica

6

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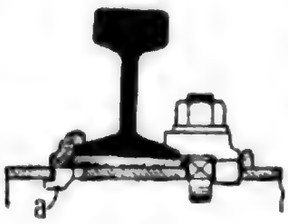
untergreifender Haken (m)
projecting shoulder *or* lug
crampon (m) [de selle] s'accrochant par dessous

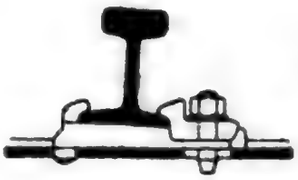


a

подхватывающій крюкъ (m)
arpione (m) con chiusura inferiore
grapón (m) de sujeción inferior

7

Zapfenplatte (f)
tie-plate with tenon
plaque (f) *ou* platine (f) *ou* selle (f) à tenon



планка (f) съ шипомъ
piastra (f) a caviglia
placa (f) de asiento con perno

8

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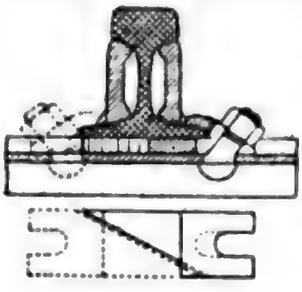
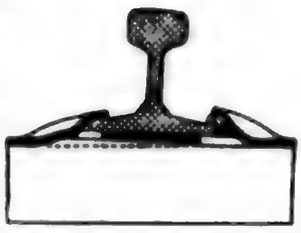
verstellbare Unterlageplatte (f)
adjustable tie-plate
selle (f) réglable



переставляемая *или* регулируемая подкладка (f)
piastrina (f) registrabile
placa (f) de asiento graduable

9

1 klauenförmige Auslappung (f) der Schwellendecke
projection, claw-shaped *or* punched-up clip on top of sleeper
saillie (f) à griffe du plafond de la traverse



копытообразный или когтеобразный выступъ (m) крышки поперечины
labbro (m) della piastra di testa della traversina
brida (f) de garra de tabla de traviesa

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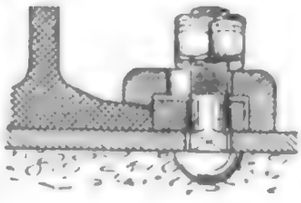
2 Losrütteln (n) der Schraubenmutter
slackening *or* loosening of the nut due to vibration
desserrage (m) de l'écrou par vibration



расшатываніе(n) гайки
allentamento (m) del dado per vibrazioni
aflojamiento (m) de la tuerca por la vibración

---

3 Schraubensicherung (f)
lock-nut
frein (m) d'écrou

приспособленіе (n) противъ развинчиванія
sicurezza (f) per viti
inmovilizado (m) *ó* fijado (m) de tuerca

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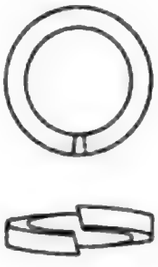
4 Federring (m), Sprungring (m)
spring washer, elastic washer, locking washer
rondelle (f) élastique



пружинная шайба (f); пружинное кольцо (n)
rosetta (f) *o* rondella (f) elastica
arandela (f) elástica

---

5 Federplatte (f)
spring *or* elastic plate
rondelle (f) [d'écron] à ressort

пружинящая пластина (f)
rondelle (f pl) *o* ranelle (f pl) *o* piastrine (f pl) elastiche
planchuela (f) con muelle

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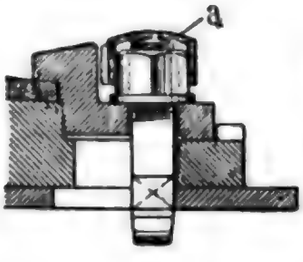
6 Stellkappe (f)
locking cap
chapeau (m) fixateur



закрѣпляющая шляпка (f)
cappello (m) di sicurezza
sombrerete (m) de detención

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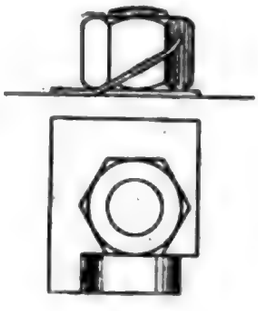
7 Sicherungsplättchen (n)
locking washer
rondelle (f) de sûreté



предохранительная планка (f)
piastrina (f) anulare di sicurezza
arandela (f) de seguridad

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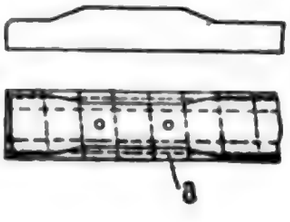
8 Betoneisenschwelle (f), Verbundschwelle (f)
ferro-concrete sleeper *or* tie
traverse (f) en béton armé



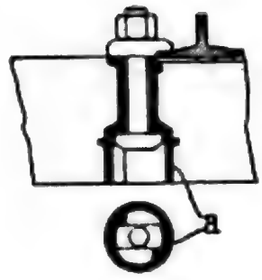
желѣзо-бетонная поперечина (f)
traversina (f) in cemento armato
traviesa (f) de hormigón armado

Eiseneinlage (f)
reinforcement, armouring
ossature (f) en fer, armature (f) intérieure en fer

a

желѣзная арматура (f)
ossatura (f) in ferro
esqueleto (m) de hierro, armazón (m) interior de hierro 1

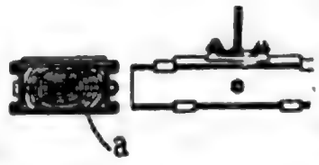
Befestigungsbüchse (f)
locking bush
boîte (f) de fixation



a

закрѣпляющая коробка (f)
astuccio (m) di attacco
caja (f) de sujeción 2

Holzeisenschwelle (f)
combination sleeper *or* tie (A), steel-reinforced wooden sleeper *or* tie (A)
traverse (f) en bois armé [de fer]



деревянно-желѣзная поперечина (f)
traversina (f) in legno armata [di ferro]
traviesa (f) de madera armada [de hierro] 3

Holzeinlage (f)
wood core
garniture (f) intérieure en bois

a

деревянный вкладышъ (m); [деревянная арматура (f)]
guarnizione (f) di legno
armazón (m) de madera 4

Schwellenlochung (f), Lochung (f) der Schwellen
drilling *or* boring of sleepers *or* ties (A)
perçage (m) des traverses

просверливаніе (n) поперечинъ
foratura (f) delle traversine
taladrado (m) de las traviesas 5

---

die Schwellen lochen (v)
to drill *or* bore the sleepers *or* ties (A)
percer (v) les traverses

просверливать поперечины
forare (v) le traversine
taladrar (v) las traviesas 6

---

die Löcher gegen die Achse versetzen (v)
to stagger the holes
placer (v) les trous de part et d'autre de l'axe

помѣстить дыры въ шахматномъ порядкѣ относительно оси поперечины
spostare (v) i fori simmetricamente rispetto all'asse
disponer (v) los agujeros en zig-zag ó diagonalmente alrededor del eje 7

Schwellenlage (f)
position of the sleepers *or* ties (A)
position (f) des traverses

положеніе (n) поперечинъ
posizione (f) delle traversine
posición (f) de las traviesas 8

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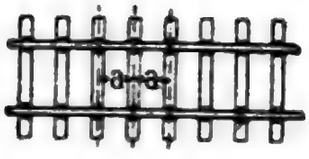
1 Schwellenrost (m)
system of sleepers *or* ties (A)
ensemble (m) des traverses [sans ballast]

шпалы (f pl) *или* поперечины (f pl) какъ основаніе пути
insieme (m) delle traversine per binario senza massicciata
conjunto (m) de traviesas [colocadas sin balasto]

---

2 Schwellenteilung (f)
pitch of sleepers
écartement (m) *ou* espacement (m) des traverses



распредѣленіе (n) шпалъ *или* поперечинъ
passo (m) fra le traversine
distancia (f) *ó* separación (f) de las traviesas

---

3 Schwellenabstand (m)
distance between *or* spacing of sleepers *or* ties (A)
distance (f) entre [les] traverses

a

разстояніе (n) между шпалами *или* между поперечинами
distanza (f) fra le traversine
distancia (f) entre las traviesas

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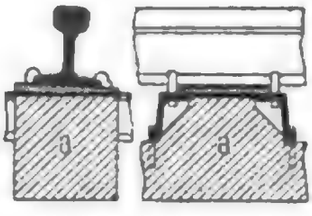
4 Schwellenstuhl (m)
sleeper chair
coussinet (m) *ou* siège (m) de traverse



a

нашпальная опора (f); подкладка (f) подъ поперечину
cuscinetto (m) per traversine
cojinete (m) de traviesa

---

5 Langschwellenoberbau (m)
longitudinal sleeper road, permanent way with longitudinal sleepers *or* ties
pose (f) *ou* établissement (m) des voies sur longrines

верхнее строеніе (n) на продольныхъ лежняхъ
armamento (m) a longarine
superstructura (f) con largueros

---

6 Langschwelle (f)
longitudinal sleeper *or* tie (A)
longrine (f)

a

продольный лежень (m)
longarina (f), lungherina (f)
larguero (m)

---

7 Rippenschwelle (f) mit Oberrippe
ribbed sleeper *or* tie (A) with rib on upper side
longrine (f) à nervure supérieure

a

ребристый лежень (m) съ верхнимъ ребромъ
longarina (f) a nervatura o costola superiore
larguero (m) con nervio superior

---

8 Kreuzschwelle (f)
ribbed sleeper *or* tie (A) with rib on underside
longrine (f) à nervure inférieure

ребристый лежень (m) съ нижнимъ ребромъ
longarina (f) a nervatura inferiore
larguero (m) con nervio inferior

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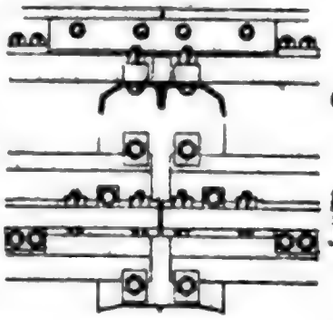
Dreirippenschwelle (f)
three-ribbed sleeper *or* tie (A)
longrine (f) à trois nervures

трёхребристый лежень (m)
longarina (f) a tre nervature
larguero (m) con tres nervios

1

Schwellenstoß (m)
joint of sleepers, sleeper- *or* tie-joint
joint (m) de longrine



стыкъ (m) продольнаго лежня; лежневой стыкъ (m)
giunto (m) di longarina
junta (f) de larguero

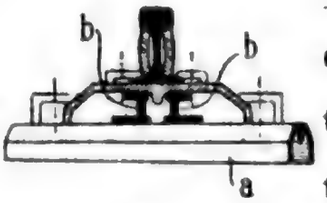
2

Deckwinkel (m)
joint covering angle
cornière (f) de recouvrement

перекрывающій уголокъ (m)
cantonale (m) di ricoprimento
escuadra (f) de recubrimiento

3

Stoßquerschwelle (f)
transverse joint-sleeper *or* tie
traverse (f) de joint



a

стыковая поперечина (f)
traversina (f) per giunto [di longarina]
traviesa (f) de junta

4

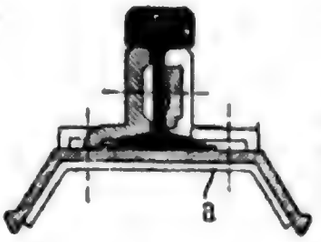
Sattelstück (n)
saddle
sous-longrine (f) *ou* renfort (m) de joint

b

продольная подкладка (f) подъ стыкомъ
sella (f)
pieza (f) de sostenimiento del larguero

5

Schwellenlasche (f)
sleeper fish- *or* joint-plate
éclisse (f) de longrine

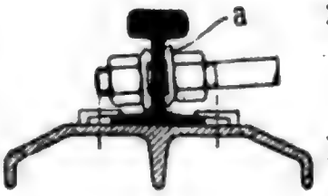


a

лежневая накладка (f)
stecca (f) della longarina
brida (f) de larguero

6

Neigungsplättchen (n)
taper washer
plaque (f) d'inclinaison



a

наклоняющая пластинка (f) *или* прокладка (f); пластинка для подуклонки
piastrina (f) d'inclinazione
placa (f) de inclinación

7

Einzelstützgleis (n)
track with rails carried on isolated supports
voie (f) sur supports isolés *ou* sur dés

путь (m) на отдѣльныхъ стульяхъ *или* опорахъ
binario (m) a sostegni isolati
vía (f) de soportes sencillos

8

Einzelstütze (f), Einzelschwelle (f)
1 isolated support
support (m) isolé simple, dé (m)

a

отдѣльный стулъ (m); отдѣльная опора (f)
sostegno (m) isolato
soporte (m) aislado, dado (m)

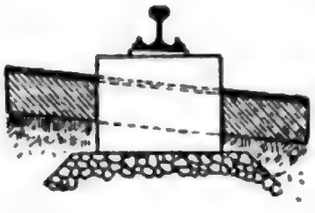
Glockenstütze (f), Topfschwelle (f)
2 pot sleeper
support (m) à cloche

колоколообразная опора (f)
sostegno (m) a campana, sostegno (m) di greave
cojinete (m) de campana

Glockenstütze (f) mit Stopflöchern
pot sleeper with tamping *or* packing hole
3 support (m) à cloche avec trous de bourrage

колоколообразная опора (f) съ отверстіями для подбивки
sostegno (m) a campana con fori di rincalzo
cojinete (m) de campana con agujeros de relleno

Steinwürfel (m)
4 stone cube
dé (m) [en pierre]



каменный кубикъ (m)
dado (m) di pietra
dado (m) de pierra

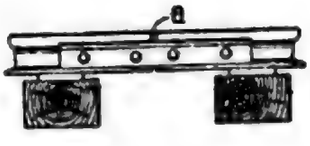
Plattenstütze (f)
5 plate-sleeper *or* tie (A)
support (m) à plaque

плоская опора (f)
sostegno (m) a piastra
soporte (m) de placa

5. Schienenstoß
6 **Rail Joint**
Joint de rail

Рельсовый стыкъ
Giunto di rotaia
Junta ó unión de carriles

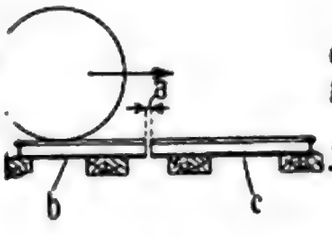
Stoßstelle (f)
7 position of joint
endroit (m) d'un joint de rail



a

мѣсто (n) стыка
posto (m) del giunto
junta (f)

Stoßlücke (f), Stoßfuge (f)
8 gap at joint
jeu (m) du joint



a

стыковой зазоръ (m)
giuoco (m) *o* intervallo (m) del giunto
juego (m) de la junta

Ablaufschiene (f), abgebende Schiene (f)
9 trailing rail
rail (m) soulagé, rail (m) moins chargé

b

пошерстный рельсъ (m); рельсъ, съ котораго сходитъ колесо
rotaia (f) scaricata
carril (m) aliviado *ó* de poca fatiga

Anlaufschiene (f), aufnehmende Schiene (f)
10 facing rail
rail (m) chargé

c

противошерстный рельсъ (m); рельсъ, принимающій колесо
rotaia (f) caricata
carril (m) de fatiga *ó* de trabajo

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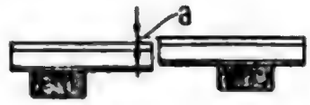
Anlaufende (n) der Schiene facing end of rail extrémité (f) de fatigue du rail	 a	противошерстный конецъ рельса; конецъ (m) рельса, принимающій колесо estremità (f) caricata della rotaia extremo (m) de fatiga ó de trabajo del carril	1
Ablaufende (n) der Schiene trailing end of rail extrémité (f) soulagée *ou* moins chargée du rail	b	пошерстный конецъ (m) рельса; конецъ рельса, съ котораго сходитъ колесо estremità (f) scaricata di rotaia extremo (m) aliviado del carril	2
Stoßstufe (f), Höhenüberstand (m) der Schienenenden step at the ends of the rails dénivellement (m) *ou* dénivellation (f) des extrémités des rails	 a	превышеніе (n) одного конца рельса надъ другимъ dislivello (m) fra le estremità delle ruotaie desnivelación (f) ó resalto (m) en las extremidades de los carriles	3
Stoßlage (f) position of the joint position (f) du joint		положеніе (n) стыка posizione (f) del giunto disposición (f) de la junta	4
ruhender Stoß (m), fester Stoß (m) supported joint joint (m) appuyé		подпёртый стыкъ (m); стыкъ на опорѣ giunto (m) appoggiato *o* portato junta (f) apoyada	5
Stoßschwelle (f) joint sleeper *or* tie (A) traverse (f) [d'appui] de joint	a	стыковая шпала (f) *или* поперечина (f) traversina (f) [d'appoggio] del giunto traviesa (f) [de apoyo] de junta	6
Mittelschwelle (f), Zwischenschwelle (f) intermediate sleeper *or* tie (A) traverse (f) intermédiaire		промежуточная шпала (f) *или* поперечина (f) traversina (f) intermedia traviesa (f) intermedia	7
schwebender Stoß (m), freitragender Stoß (m) suspended joint joint (m) en porte-à-faux		стыкъ (m) на вѣсу giunto (m) libero *o* sospeso junta (f) al aire	8
Stoßteilung (f), Stoßschwellenabstand (m) spacing of sleepers *or* ties (A) at a joint distance (f) entre les traverses de joints	a	разстояніе (n) между стыковыми поперечинами *или* шпалами distanza (f) fra traversine ai giunti distancia (f) entre las juntas	9
Brückenstoß (m) bridge joint joint (m) à pont		стыкъ (m) въ видѣ мостика giunto (m) a ponte junta (f) de puente	10

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1	Dreischwellenstoß (m) joint supported on three sleepers joint (m) à trois traverses *ou* joint (m) (éclissé) appuyé		трехшпалый стыкъ (m) giunto (m) su tre traversine junta (f) de tres traviesas
2	Gleichstoß (m) opposite joints joints (m pl) parallèles *ou* d'équerre		параллельные стыки (m pl) giunti (m pl) coincidenti juntas (f pl) paralelas *ó* en escuadra
3	Wechselstoß (m), versetzter Stoß (m) broken *or* alternate joints joints (m pl) alternés *ou* chevauchants		стыки (m pl) въ разбѣжку *или* въ перевязку giunti (m pl) alternati juntas (f pl) alternadas *ó* en diagonal
4	die Stöße versetzen (v) to break joints alterner (v) les joints		располагать стыки въ разбѣжку *или* въ перевязку alternare (v) i giunti alternar (v) las juntas
5	Stumpfstoß (m), stumpfer Stoß (m) butt-joint joint (m) d'about, joint (m) plat, joint (m) franc	a	тупой стыкъ (m); соединеніе (n) въ притыкъ giunto (m) normale *o* piatto junta (f) á testa *ó* plana *ó* franca
6	Querfuge (f) cross-gap joint (m) transversal	a	зазоръ (m) giunto (m) trasversale junta (f) transversal *ó* normal
7	Schrägstoß (m), Schrägverblattung (f) skewjoint, splayed joint joint (m) biais		косой стыкъ (m) giunto (m) sbieco junta (f) oblicua
8	[Ver-]Blattstoß (m), Überblattung (f) der Schienen scarfed joint joint (m) à recouvrement *ou* joint (m) en Z		стыкъ (m) въ закрой giunto (m) a doppio incastro junta (f) á medio hierro *ó* á recubrimiento
9	überblattetes Schienenende (n), Schienenblatt (n) scarfed end of the rail extrémité (f) chevauchante de rail		соединённые въ закрой концы (m pl) рельсовъ estremità (f) di rotaia incastrata extremidad (f) solapada del carril
10	Übergangsschiene (f) transition rail, carrying rail rail (m) de passage	a	переходный рельсъ (m) rotaia (f) di passaggio carril (m) de paso

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Stoßverbindung (f)
connection at joint
assemblage (m) des rails, assemblage (m) du joint

стыкъ (m); стыковое соединеніе (n)
collegamento (m) del giunto
ensambladura (f) de los carriles ó de la junta — 1

Stoßausrüstung (f)
joint fittings (pl)
garniture (f) du joint

устройство (n) стыковъ
guarnitura (f) del giunto
equipo (m) ó accesorios (m pl) de junta — 2

Stoßdeckung (f)
covering of joint, fishing of joint
couvre-joint (m)

перекрытіе (f) стыка
coprigiunto (m)
cubre-junta (m) — 3

---

gedeckter *oder* verlaschter Stoß (m)
fished joint
joint (m) éclisse

перекрытый стыкъ (m)
giunto (m) coperto
junta (f) cubierta ó con cubre-junta — 4

---

ungedeckter *oder* nicht verlaschter Stoß (m)
unfished joint
joint (m) libre

неперекрытый *или* открытый стыкъ (m)
giunto (m) scoperto
junta (f) descubierta — 5

Stoßdeckungsteil (m), Stoßdeckungsmittel (n)
joint cover parts (pl)
pièce (f) de recouvrement du joint

часть (f), служащая для перекрытія стыка
pezzo (m) di ricoprimento del giunto
pieza (f) de recubrimiento de junta — 6

Laschenstoß (m)
fish-joint
éclissage (m), joint (m) à éclisses

стыкъ (m) съ накладками
giunto (m) a stecche
embridado (m), junta (f) con bridas — 7

---

den Stoß verlaschen (v) *oder* zusammenlaschen (v)
to fish a joint
éclisser (v) le joint

связать стыкъ накладками
ricoprire (v) il giunto con stecche
embridar (v) la junta — 8

Lasche (f), Stoßlasche (f)
fish-plate, fishing plate, splice bar (A), rail splice (A)
éclisse (f)

a

накладка (f); стыковая накладка (f)
stecca (f)
brida (f), placa (f) de junta, eclis (m) — 9

---

die Schienen anlaschen (v)
to fish the rail
éclisser (v) le rail [à —]

соединить *или* сболтить рельсъ съ накладкою
mettere (v) le stecche alla rotaia
montar (v) las bridas — 10

---

einseitig anlaschen (v)
to half-fish
éclisser (v) d'un côté

соединить *или* сболтить рельсъ съ накладкою съ одной только стороны
stecche (fpl) da una parte
montar (v) las bridas por un solo lado — 11

1	die Schienen ablaschen (v) *oder* entlaschen (v) to unfish the rail déséclisser (v) lès rails	снять накладку съ рельса togliere (v) le stecche alla rotaia desmontar (v) las bridas
2	Außenlasche (f) outer fish-plate *or* splice bar (A) éclisse (f) extérieure	наружная *или* внѣшняя накладка (f) stecca (f) esterna brida (f) exterior
3	Innenlasche (f) inner fish-plate *or* splice bar (A) éclisse (f) intérieure	внутренняя накладка (f) stecca (f) interna brida (f) interior
4	Laschenverbindung (f), Verlaschung (f) fishing éclissage (m), assemblage (m) à éclisses	соединенiе (n) посредствомъ накладокъ collegamento (m) a stecche, steccatura (f) embridado (m), unión (f) con bridas
5	Flachlasche (f) flat fish-plate *or* splice bar (A) éclisse (f) plate	плоская накладка (f) stecca (f) piana brida (f) plana
6	Spielraum (m) zwischen Schienensteg und Lasche play between web of rail and fish-plate, (splice bar A) dégagement (m) de l'éclisse	промежутокъ (m) между накладкой и шейкой рельса guioco (m) fra rotaie e stecche juego (m) entre el cuello del carril y la brida
7	Laschenkammer (f), Laschenkehle (f), Laschengehäuse (n) seat of fish-plate *or* splice bar (A) logement (m) de l'éclisse	перехватъ (m) между головкою и подошвою рельса, въ который вставляются накладки sede (f) della steccha asiento (m) de la brida
8	Winkellasche (f), Kremplasche (f) angle fish-plate, angle-splice-bar (A) éclisse (f) cornière *ou* d'équerre	угловая *или* уголковая накладка (f) stecca (f) a corniera brida (f) en ángulo *ó* en escuadra
9	Doppelwinkellasche (f), Ansatzlasche (f), Z-Lasche (f) double-angle fish-plate, double-angle splice bar, Z bar éclisse (f) cornière double, éclisse (f) double cornière *ou* double équerre	Z-образная фасонная накладка (f) stecca (f) a corniera con doppio risvolto, stecca (f) a grembiule brida (f) en escuadra doble, brida (f) de doble vuelta *ó* de doble escuadra

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Laschenschenkel (m) flange of the angle fish-bar cornière (f) de l'éclisse	a	полка (f) накладки ramo (m) della stecca rama (f) *ó* pata (f) de la brida	1
Laschenanschlußfläche (f), Laschenanlagefläche (f) fishing surface portée (f) d'éclisse, surface (f) d'appui d'éclisse	b	поверхность (f) прилеганія накладки; плоскость (f) накладки, соприкасающаяся съ рельсомъ superficie (f) di contatto della stecca superficie (f) de apoyo de la brida	2
Laschenbolzen (m), Laschenschraube (f) fish-bolt, track bolt (A) boulon (m) d'éclisse	c	стыковой болтъ (m) chiavarda (f) della stecca tornillo (m) *ó* pasador (m) de brida	3
Anlagewinkel (n) der Lasche, Laschenneigung (f) fishing angle angle (m) d'appui de l'éclisse	*a*	уголъ (m) соприкасанія *или* прилеганія накладки angolo (m) d'appoggio della stecca ángulo (m) de apoyo de la brida	4
Laschenbolzenloch (n) fish bolt hole, track bolt hole (A) trou (m) de boulon d'éclisse	a	отверстіе (n) для стыкового болта foro (m) per la chiavarda della stecca agujero (m) para el tornillo de la brida	5
Schaftansatz (m) shoulder talon (m) *ou* saillie (f) de la tige	a	выступъ (m) стержня болта raccordo (m) del gambo talón (m) *ó* saliente (m) del perno	6
Schraubenspannplatte (f) screw tie plate plaque (f) de serrage des boulons		прокладка (f), подтягивающая болтъ piastra (f) di chiusura dei bulloni placa (f) de presión *ó* de aprieto por tornillos	7
Doppelwinkellasche (f) mit oben wagerechtem Schenkel, U-Lasche (f) channel fish-plate, channel splice-bar (A) éclisse (f) double cornière avec branche horizontale dans le haut, éclisse (f) en U		U-образная фасонная накладка (f) stecca (f) a corniera doppia con risvolto superiore orizzontale brida (f) doble *ó* escuadra (f) doble con rama horizontal en su parte superior, brida (f) en U	8

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1 Fußlasche (f)
continuous fish-plate *or* splice-bar (A)
coussinet-éclisse (m)

накладка (f), обхватывающая подошву *или* пяту рельса
stecca-cuscinetto (f)
brida (f) de zapata *ó* de patín

2 Übergangslasche (f)
cranked fish-plate *or* splice bar (A)
éclisse (f) de raccordement

переходная *или* соединительная накладка (f)
stecca (f) di raccordo
brida (f) de paso

3 gesprengte Lasche (f), gebogene Lasche (f)
bent fish-plate *or* splice bar
éclisse (f) cintrée

изогнутая накладка (f); пружинящая накладка
stecca (f) curva
brida (f) curva *ó* encorvada

4 Stuhlschienenlasche (f)
fish-plate for bull-headed rails
éclisse (f) de rail à coussinets

накладка (f) для рельсовъ на подушкахъ
stecca (f) di rotaia a cuscinetti
brida (f) para carril de doble cabeza

5 Stoßstuhl (m)
joint chair
plaque (f) *ou* coussinet (m) de joint

стыковая подушка (f)
cuscinetto (m) del giunto
cojinete (m) de junta

6 Laschenspannung (f)
stress in fish-plate *or* splice bar (A)
tension (f) d'éclissage *ou* des éclisses

напряженіе (n) накладки
tensione (f) delle stecche
tensión (f) de embridado *ó* de las bridas

7 verdübelte *oder* gekuppelte Stoßschwellen (f pl)
joint sleepers dowelled *or* pinned together
traverses (f pl) de joint chevillées

стыковыя поперечины (f pl), соединённыя скрѣпами
traversine (f pl) di giunto accoppiate
traviesas (f pl) de junta enclavijadas

8 Stoßbrücke (f)
bridge plate
plaque (f) *ou* pont (m) de joint

стыковой мостикъ (m)
ponte (m) di giunto
plancha (f) de junta

a

9 Stoßbrücke (f) mit Keilregelung
bridge plate with wedge adjustment
plaque (f) de joint avec coin de réglage

стыковый мостикъ (m) съ клиновой регулировкой
ponte (m) di giunto con regolazione di cuneo
plancha (f) de junta con cuña de regulación

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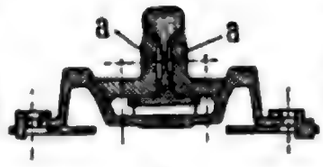
Starkstoßoberbau (m)
track for heavy traffic superstructure (f) à joints renforcés *ou* consolidés

верхнее строеніе (n) съ упорными стыковыми подушками для уменьшенія угона рельсовъ
soprastruttura (f) odormamento rinforzoto
superstructura (f) con juntas reforzadas
1

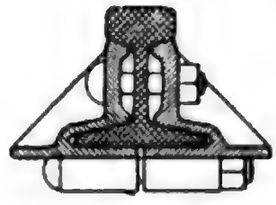
Stützlasche (f)
supporting fish - plate, fish-plate supporting rail
éclisse (f) de soutien



a

подпёртая накладка (f)
stecca (f) di sostegno
brida (f) de sostenimiento
2

Winkellasche (f) mit Fußplatte
combined angle fish and sole plate
éclisse (f) cornière avec plaque d'appui



угловая *или* уголковая накладка (f) съ подошвенной плитой
stecca (f) d'angolo con piastra di base
brida (f) angular con placa de apoyo
3

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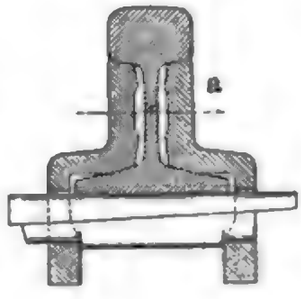
elastischer Keilstoß (m)
elastic wedge joint
joint (m) élastique à clavette



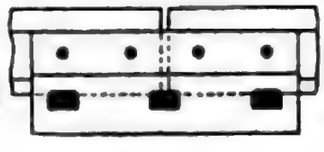
упругій стыкъ (m) съ клиньями
giunto (m) elastico a cunei
junta (f) elástica de chavetas
4

Lasche (f) mit Keilantrieb
fish-plate with gib and cotter fastening
éclisse (f) à [serrage par] coin

a

накладка (f) съ клиньями
stecca (f) con chiusura a cuneo
brida (f) de sujeción por cuña
5

Dreikeilstoß (m)
three wedge joint
joint (m) à trois clavettes

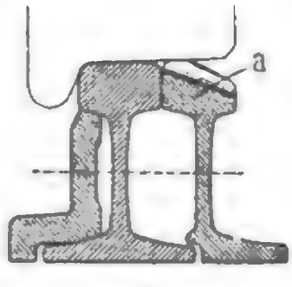


стыкъ (m) съ тремя клиньями
giunto (m) a tre cunei
junta (f) de tres chavetas
6

Stoßfangvorrichtung (f)
blow, impact [on crossing a joint]
consolidation (f) du joint, soulagement (m) du joint

уничтоженіе (n) *или* подхватъ (m) толчка
porta giunto (m) della rotaia
disposición (f) para compensar los choques
7

Stoßfangschiene (f), Laschenschiene (f)
impact rail, easing rail
rail-éclisse (m)



a

подхватывающій рельсъ (m); рельсъ, воспринимающій толчокъ
rotaia (f) di porta giunto
carril (m) compensador de choques
8

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1 Stoßfanglasche (f), Auflauflasche (f)
easing fish-plate, impact fish-plate *or* splice bar (f)
éclisse (f) de soulagement du joint

подхватывающая накладка; стыковая накладка (f), уничтожающая толчокъ
stecca (f) porta giunto
brida (f) compensadora de choques

---

2 Kopflasche (f)
bull-headed fish-plate, *or* splice bar (f)
éclisse (f) à champignon

накладка (f) головки
stecca (f) a fungo
brida (f) de cabeza de carril

---

3 Melaunsche Stoßdeckung (f)
Melaun joint
couvre-joint (m) de Melaun

стыковое перекрытіе (n) „Мелауна" [для уничтоженія толчковъ]
coprigiunto (m) di Melaun
cubre-junta(f) de Melaun

---

4 doppelter Schienenauszug (m)
double overlap of rail
aiguille (f) double fixe

стыкъ (m) съ отводомъ рельсовъ въ сторону
rotaia (f) rastremata ai due capi
carril (m) intermedio estrechado en los dos extremos

---

5 Wandern (n) der Schienen
creep of the rails
marche (f) des rails, cheminement (m) des rails

угонъ (m) рельсовъ
scorrimento (m) delle rotaie
desplazamiento (m) de los carriles

---

6 mit der Fahrrichtung wandern (v)
to creep in the direction of traffic
marcher (v) *ou* cheminer (v) dans le sens du roulement

перемѣщаться по направленію движенія
scorimento (m) secondo la marcia (del convoglio)
desplazarse (v) en el sentido de rodadura

---

7 entgegen der Fahrrichtung wandern (v)
to creep in the direction opposite to the traffic
marcher (v) *ou* cheminer (v) en sens inverse du roulement

перемѣщаться въ направленіи, обратномъ направленію движенія
scorrere (v) contro la marcia (del convoglio)
desplazarse (v) en sentido inverso al de rodadura

---

8 Gleisverwerfung (f), warping of the track
déviation (f) *ou* déjettement (m) de la voie, déformation (f) de la voie

искривленіе (n) рельсовъ
incurvamento (m) del binario
alabeo (m) de la via, garrote (m)

die Schienen verbiegen sich in vertikaler Richtung
the rails buckle
les rails se déforment dans le sens vertical *ou* se bossèlent

рельсы (m pl) прогибаются въ вертикальномъ направленіи
le rotaie si ripiegono in direzione vertilale
los carriles se deforman en sentido vertical

1

---

die Schienen [ver]werfen sich
the rails warp
les rails se déjettent dans le sens horizontal

рельсы (m pl) выгибаются въ горизонтальномъ направленіи
le rotaie si ripiegono in direzione orizzontale
los carriles se deforman en sentido horizontal

2

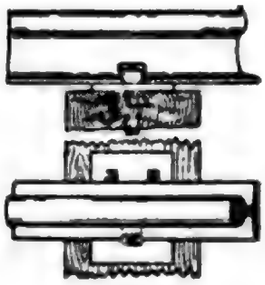
---

die Schienen biegen sich an den Enden auf
the rail-ends curl up
les rails se courbent aux abouts

концы (m pl) рельсовъ загибаются кверху
le rotaie si ripiegono alle estremità
los carriles se curvan en los estremos

3

Einklinkung (f) des Schienenfußes
notching the flange of the rail
encochement (m) *ou* entaille (f) du patin de rail



вырубка (f) въ подошвѣ рельса
arresto (m) con intaglio alla base
entalladura (f) de la base del carril

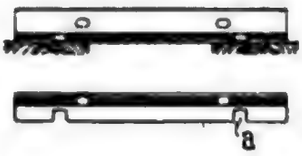
4

Vorstoßwinkel (m)
angle-stop, stop-angle, angle to prevent the creep of the rail
équerre (f) d'arrêt

удерживающій уголокъ (m)
squadra (f) d'arresto
escuadra (f) de parada ó de detención

5

Ausklinkung (f) der Lasche
notching the fish-plate
encochement (m) *ou* entaille (f) de l'éclisse



a

вырубка (f) въ накладкѣ
tacca (f) d'arresto alla stecca
entalladura (f) de la brida

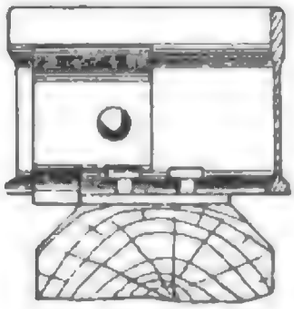
6

Stemmlasche (f)
fish-plate or splice bar to prevent creep of rail
éclisse (f) épaulée

накладка (f) съ полками
stecca (f) d'arresto
brida (f) de detención

7

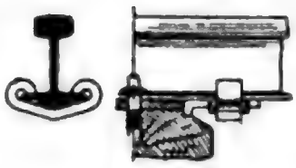
Stützwinkel (m), Stemmwinkel (m)
angle stop
équerre (f) d'arrêt



упорный уголокъ (m) *или* угольникъ (m)
squadra (f) d'arresto
escuadra (f) de apoyo ó de parada

8

1 Keilklemme (f), Gleisklemme (f)
clip to hold a stop wedge
crampon (m) double à coin de serrage et butée



клиновой затворъ (m); скоба (f) для заклинки рельса
arpione (m) a cuneo
grapa-cuña (f)

---

2 Bandeisen (n)
iron bar
bande (f) de fer

a

полосовое желѣзо (n)
nastro (m) di ferro
hierro (m) de llanta

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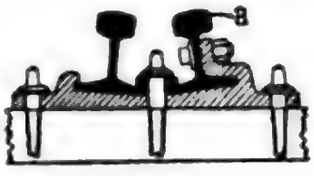
3 Schutzschiene (f), Streichschiene (f), Gegenschiene (f), Leitschiene (f)
guard rail, check rail
contre-rail (m)



a

контръ-рельсъ (m)
controrotaia (f) o guida (f) di protezione
contra-carril (m), carril-guía (f)

---

4 Schutzbalken (m), Streichbalken (m), Schutzschwelle (f)
guard sleeper
poutre (f) de protection contre le déraillement

охранный брусъ (m)
traversa (f) di protezione
viga (f) de protección contra el descarrilamiento

---

5 Brückenschutzschiene (f)
guard timber (on bridges)
contre-rail (m) de pont

контръ-рельсъ (m) на мостахъ
controrotaia (f) per ponti
contra-carril (m) de puente

---

6 **6. Straßenbahnoberbau**
Tramway Track, Permanent Way for Tramway, Tramroad (A)
Superstructure de voies de tramway

Верхнее строеніе городскихъ желѣзныхъ дорогъ *или* трамваевъ
Armamento per tramvie
Superstructura de tranvías

7 Straßengrund (m)
road-bed
sol (m) de la rue

грунтъ (m) улицы
corpo (m) stradale
cuerpo (m) de la calle

---

8 Straßenbahngleis (n)
street railway track
voie (f) de tramway

трамвайный путь (m)
binario (m) da tramvia
vía (f) de tranvía

---

9 Straßenbahnschiene (f)
tramway rail, tram-rail
rail (m) de tramway

трамвайный рельсъ (m); рельсъ для городскихъ желѣзныхъ дорогъ
rotaia (f) per tramvia
carril (m) de tranvía

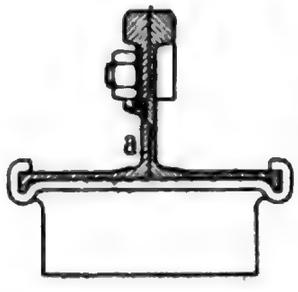
Schwellenschiene (f)
sleeper rail
rail-longrine (m)

рельсъ (m) - лежень (m)
rotaia-longarina (f)
carril-larguero (m)
1

Hochstegschiene (f)
deep-webbed rail
rail (m) avec âme de grande hauteur

рельсъ (m) съ высокой шейкой
rotaia (f) a stelo alto
carril (m) de alma alta
2

zweiteilige Schwellenschiene [Haarmannsche Schwellenschiene] (f)
compound rail [Haarmann "self-bearing" rail]
rail-longrine (m) en deux piéces [de Haarmann]



составной рельсъ (m)-лежень (m); рельсъ-Гаармана
rotaia-longarina (f) in due pezzi [di Haarmann]
carril-larguero (m) en dos piezas [de Haarmann]
3

Halbschiene (f)
half-rail
demi-rail (m)

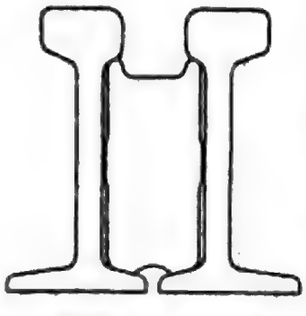
a

полурельсъ (m)
mezza-rotaia (f)
semi-carril (m)
4

mehrteiliges Gleis (n)
composite track
voie (f) en plusieurs parties

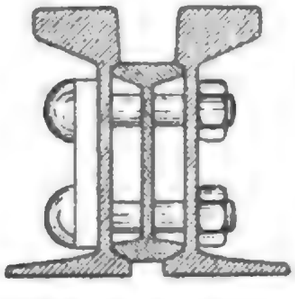
сдожный *или* многократный путь (m)
binario (m) in più parti
via (f) en varias partes
5

Zwillingsschiene (f)
twin-rail, double-rail
rail (m) jumelé *ou* double



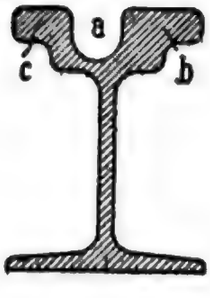
спареный *или* составной рельсъ (m)
rotaia (f) gemella *o* binata
carril (m) gemelo *ó* doble
6

Drillingsschiene (f)
triple-rail
rail (m) triple



тройной *или* строенный рельсъ (m)
rotaia (f) tripla
carril (m) triple
7

Rillenschiene (f)
grooved rail
rail (m) à gorge *ou* à ornière



желобчатый рельсъ (m)
rotaia (f) a canale
carril (m) de ranura *ó* de garganta
8

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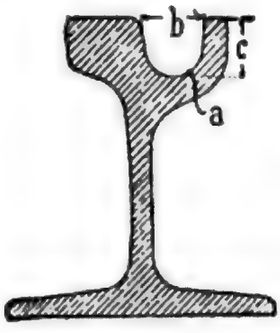
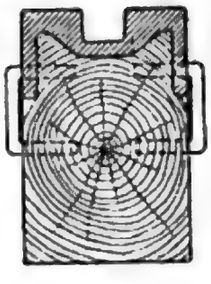
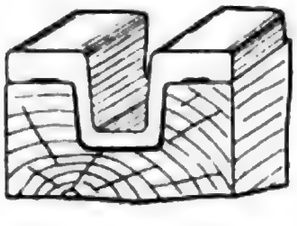
Rillen[schienen]gleis (n) 1 grooved track voie (f) avec rail à gorge		желобчатая колея (f) колея изъ желобчатыхъ рельсовъ binario (m) con rotaie a canale via (f) de ranuras ó de gargantas
Spurkranzrille (f), Spurrille (f) 2 flange groove ornière (f) [de passage] des boudins de roue	a	жёлобъ(m)для реборды бандажа scanalatura (f) per l'orlo del cerchione ranura (f) [de paso] de las pestañas de las ruedas
Fahrkopf (m) der Rillenschiene 3 running head, rail tread champignon (m) du rail à gorge	b	[рабочая] головка (f) желобчатаго рельса fungo (m) portante della rotaia a scanalatura cabeza (f) [de rodadura] del carril de garganta
Leitkopf (m) 4 check, guard-lip contre-champignon (m)	c	направляющая головка (f) fungo (m) di guida contra-cabeza (f), cabeza de guía
Rillenboden (m) 5 bottom of groove fond (m) de la gorge		дно (n) жёлоба fondo (m) della scanalatura fondo (m) de la ranura
Rillenbreite (f) 6 width of groove largeur (f) de la gorge	a b	ширина (f) жёлоба larghezza (f) della scanalatura anchura (f) de la ranura
Rillentiefe (f) 7 depth of groove profondeur (m) de la gorge	c	глубина (f) жёлоба profondità (f) della scanalatura profundidad (f) de la ranura
flache Rillenschiene (f) 8 flat grooved rail rail (m) plat à gorge		плоскій желобчатый рельсъ (m) rotaia (f) a canale piatto carril (m) de ranura plana
U-förmige Schiene (f) 9 U-shaped rail rail (m) en U		коробчатый *или* U-образный рельсъ (m) rotaia (f) in forma d'U carril (m) en U

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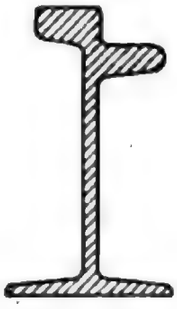
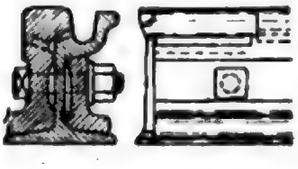
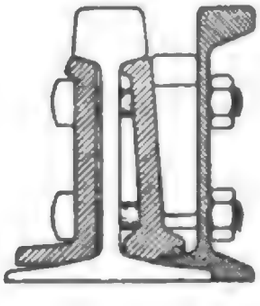
Hohlschiene (f) hollow rail rail (m) creux		рельсъ (m) rotaia (f) cava carril (m) hueco	1
Stufenschiene (f), Nasenschiene (f) step-rail, grooveless girder rail rail (m) à nez		рельсъ (m) съ уступомъ rotaia (f) a nasello carril (m) con reborde fijo [laminado en una pieza]	2
zweiteilige Rillenschiene (f) two-part grooved rail, grooved rail in two pieces, compound grooved rail rail (m) à gorge en deux pièces		составной желобчатый рельсъ (m) rotaia (f) a scanalatura riportata carril (m) de ranura en dos piezas	3
Schutzleiste (f) check-strip talon (m) *ou* rebord (m) protecteur	a	предохранительная планка (f) listello (m) protettore reborde (m) protector *ó* de guía	4
Keilkopfschiene (f) wedge-headed rail rail (m) à champignon en forme de coin		рельсъ (m) съ клинообразной головкой rotaia (f) a fungo cuneiforme carril (m) de cabeza cuneiforme	5
Halbstoß (m) scarf joint joint (m) à recouvrement, demi-joint (m) *ou* joint (m) partiel		полустыкъ (m) giunto (m) ad innesto parziale junta (f) á medio hierro	6
Halbstoßlasche (f) fish-plate for scarf joint éclisse (f) de joint partiel	 a	полустыковая накладка (f) semigiunto (m) a stecche brida (f) de junta á medio hierro	7
Keilstoß (m) keyed *or* wedged joint joint (m) à coin		клиновой стыкъ (m) giunto (m) cuneiforme junta (f) cuneiforme	8

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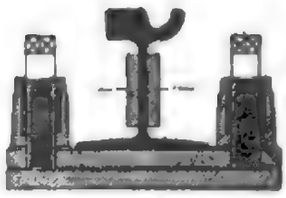
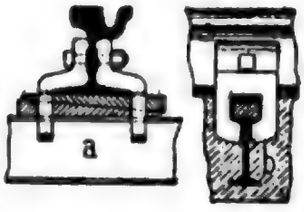
1	nachstellbarer Schienenstoßträger (m) adjustable rail-joint carrier *or* support porte-joint (m) de rail réglable		регулируемая стыковая опора (f) portagiunto (m) di rotaia regolabile porta-junta (f) de carril regulable *ó* graduable
2	Schienenschuh (m) rail-shoe sabot (m) de rail		рельсовый башмакъ (m) scarpa (f) della rotaia zapata (f) de carril
3	Sohlenstück (n) sole-piece, chair semelle (f)	a	подушка (f) pezzo (m) di base base (f)
4	Klemmstück (n) clip-piece, rail-clip pièce (f) de calage	b	зажимъ (m) pezzo (m) d'attacco pieza (f) de calce *ó* de apretamiento
5	Gleisverankerung (f) track anchoring ancrage (m) de la voie		закладка (f) анкеровъ *или* поперечныхъ распорокъ ancoraggio (m) del binario anclado (m) de la vía
6	Verankerungspunkt (m) point of anchoring point (m) d'ancrage		точка (f) установки анкера *или* поперечной распорки punto (m) d'ancoraggio punto (m) de anclado
7	Ankereisen (n) rail anchor, anchoring beam poutrelle (f) d'ancrage	a	анкеръ (m); поперечная распорка (f) trave (f) d'ancoraggio vigueta (f) de anclaje
8	Betonbettung (f) concrete bed *or* bedding lit (m) de béton	b	бетонная постель (f); бетонное основаніе (n) massicciatà (f) in calcestruzzo balasto (m) de hormigón
9	Pflasteranschluß (m) junction with paving raccordement (m) avec le pavage		примыканіе (n) мостовой raccordo (m) col selciato unión con el pavimento, *ó* con el empedrado
10	eingepflastertes Gleis (n) track set in paving voie (f) encaissée dans le pavage		путь (m), замощёный въ уровень головокъ рельсовъ binario (m) affondato *od* incassato nel selciato vía (f) empedrada
11	die Schiene einpflastern (v) to fix the rail in the pavement paver (v) autour des rails		замостить путь въ уровень головокъ рельсовъ affondare (v) le rotaie nel selciato adoquinar (v) *ó* empedrar (v) la vía

Anschlußstein (m) nose block pavé (m) de bordure	камень (m), прилегающій непосредственно къ рельсу adesione (f) delle pietre adoquín (m) de borde	1
unregelmäßige Pflasterung (f) random paving pavage (m) irrégulier	булыжная мостовая (f); [временная мостовая] pavimentazione (f) irregolare adoquinado (m) ó empedrado (m) irregular	2
das Pflaster feststampfen (v) to beat *or* ram the pavement damer (v) le pavage	утрамбовать мостовую costipare (v) il pavimento *o* l'acciottolato apisonar (v) el empedrado	3
Wölbung (f) des Pflasters camber of paving bombement (m) *ou* convexité (f) du pavage	выпуклость (f) мостовой curvatura (f) del pavimento *o* dell'acciottolato bombeo (m) ó convexidad (f) del adoquinado	4
das Pflaster zahnförmig anschließen (v) to tooth *or* quoin the outer edges of the marginal paving poser (v) une bordure de pavage dentelée	примкнуть мостовую штрабами chiudere (v) il pavimento con addentellato disponer (v) un borde dentado de adoquines	5
Sandunterlage (f) sand cushion lit (m) de sable	слой (m) песка подъ мостовую sabbia (f) sottoposta base (f) de arena	6
die Stöße untergießen (v) to grout the joints poser (v) les pavés sur une couche de ciment	залить стыки fondere (v) il giunto al di sotto colocar (v) los adoquines sobre una capa de cemento	7
Vergußmaterial (n) grout matière (f) pour chausser les pavés	матеріалъ (m) для заливки materiale (m) di riempimento material (m) para rellenar las juntas	8
7. Oberbau für Industrie- usw. Bahnen **Permanent Way for Industrial Railways etc.** **Voie de chemin de fer industriel**	**Верхнее строеніе для заводскихъ дорогъ** **Ferrovia industriale** **Via de ferrocarriles industriales**	9
festverlegtes Gleis (n) fixed track voie (f) fixe, voie (f) posée à demeure	неподвижно уложенный путь (m) binario (m) fisso via (f) fija	10

1 verlegbares *oder* transportables Gleis (n)
portable track
voie (f) transportable *ou* portative

переносный путь (m)
binario (m) portatile o trasportabile
vía (f) portátil ó móvil

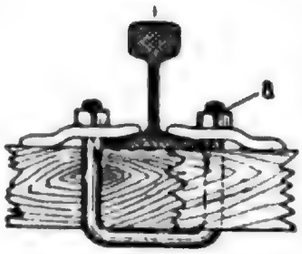
2 [tragbarer] Gleisrahmen (m), Gleisjoch (n)
portable section of track
châssis (m) de voie [portatif]

переносная путевая рама (f)
telaio (m) di binario portatile
cuadro (m) de vía portátil

3 [tragbare] Gleisbrücke (f)
portable track bridge
pont (m) de voie [portatif]

переносный путевой мостикъ (m)
telaio (m) [portatile] a sovrapposizione
puente (m) de vía portátil

4 Bügelschraube (f)
stirrup bolt, U bolt
étrier (m) à vis



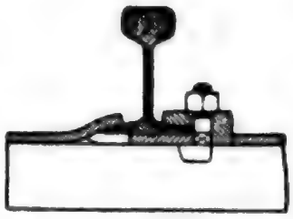
a

хомутъ (m) съ винтовою нарѣзкою
chiavarda (f) a staffa
tornillo (m) curvado, argolla (f)

5 Stahlschwelle (f)
steel-sleeper
traverse (f) en acier

стальная поперечина (f)
traversina (f) d'acciaio
traviesa (f) de acero

6 Aufkrempung (f) der Schwelle
pressed-up clip *or* jaw in sleeper *or* tie (A)
accrochage (m) par la surface de la traverse

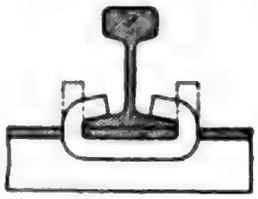


выгибаніе (n) внаружу надрѣзовъ въ поперечинѣ
risvolto (m) nel mezzo della traversina
levantamiento (m) de los bordes de la traviesa

7 Umbördelung (f) der Schwelle
curling up the sleeper *or* tie (A)
retroussement (m) des bords de la traverse

загибаніе (n) концовъ поперечины
risvolto (m) [all'orlo] della traversina
[acción de] rebordear la traviesa

8 Schienenbefestigung (f) durch quadratische Bügel
fixing of rails by means of square clips
fixation (f) des rails par étriers carrés



прикрѣпленіе (n) рельсовъ посредствомъ квадратныхъ бугелей
attacco (m) della rotaia con staffe quadre
sujeción (f) de los carriles por estribos cuadrados

9 Hakenschraube (f)
hook bolt
boulon (m) à crochet

крюкъ (m) съ нарѣзкою
chiavarda (f) ad uncino
tornillo (m) de gancho

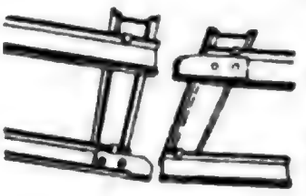
auf die Schwelle aufgenietete Lippe (f)
brace rivetted to the sleeper
tablette rivée sur la traverse

a

консоль (f), приклёпанная къ шпалѣ
cantonale (m) fissato con bulloni alla traversa
cantonera (f) remachada sobre la traviesa

1

Gabellasche (f)
tongued fish plate
éclisse (f) à fourche



вилообразная стыковая накладка (f)
stecca (f) a forcella
brida (f) en horquilla

2

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8. Gleisverlegung und Gleisunterhaltung
Laying and Maintenance of Track
Pose et entretien de la voie

Укладка и содержаніе пути
Posa e manutenzione della via
Asiento y entretenimiento de la via

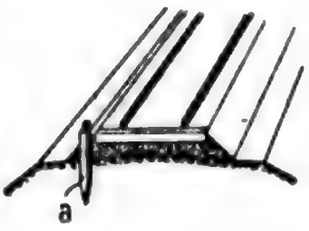
3

Gleisbau (m)
track-laying, construction of the track
construction (f) de la voie

устройство (n) пути
costruzione (f) di binario
construcción (f) de la via

4

Absteckung (f) des Gleises
pegging out *or* staking a line
jalonnement (m) *ou* piquetage (m) de la voie



разбивка (f) пути
allineamento (m) della via
jalonear (v) la via, alineacón (f) de la via

5

Absteckungspfahl (m), Absteckungspflock (m)
peg, stake
jalon (m), piquet (m)

a

колышекъ (m) для разбивки пути
picchetto (m), palina (f)
jalón (m), piquete (m)

6

Hauptabsteckungspfahl (m)
main peg
piquet (m) principal

пикетный колышекъ (m)
picchetto (m) principale
piquete (m) principal

7

Zwischenpfahl (m)
intermediate peg
piquet (m) intermédiaire

плюсъ (m); промежуточный колышекъ (m)
picchetto (m) intermedio
piquete (m) intermedio

8

Verlegung (f) des Oberbaus
laying the permanent way
pose (f) de la superstructure

укладка (f) верхняго строенія
montaggio (m) *o* posa (f) dell'armamento
colocación (f) *ó* asiento (m) de la superstructura

9

---

das Gleis verlegen (v)
to lay the line
poser (v) la voie

производить укладку пути
montare (v) il binario, armare (v) la linea
colocar (v) *ó* asentar (v) la via

10

1
die Schwellen[Schienen] auslegen (v)
to place the sleepers (ties A) [rails]
poser (v) les traverses (les rails)

укладывать шпалы [рельсы]
le traverse (f pl) scoperte esposte
colocar (v) ó asentar (v) las traviesas (los carriles)

2
eine Schwelle einziehen (v)
to insert a sleeper *or* tie (A)
introduire (v) une traverse

уложить (укладывать) шпалу *или* поперечину
rincalzare (v) una traversa
introducir (v) una traviesa

3
die Schwellen vorbohren (v)
boring the sleepers *or* ties (A) [before laying]
percer (v) [avant la pose] les [trous dans les] traverses

высверлить поперечины до укладки
perforare (v) le traversine
taladrar (v) ó barrenar (v) los agujeros en las traviesas antes de la colocación

4
das Bohrloch teeren (v)
to tar the hole
goudronner (v) le trou

просмолить высверленное отверстие
incatramare (v) il foro
alquitranar (v) el agujero

5
die Nagellöcher auspflöcken (v)
to dowel the nail holes
cheviller (v) les trous de clous

заполн-ить(-ять) отверстія для костылей деревянными пробками
preparare (v) i fori dei chiodi
enclavijar (v) los agujeros de los clavos

6
das Gleis [aus]richten (v)
to adjust *or* align the track
redresser (v) *ou* rectifier (v) la voie

выправлять путь
drizzare (v) il binario
enderezar (v) la vía

7
Richten (n) *oder* Ausrichten (n) der Krümmungen
straightening of bends
redressage (m) des courbes

выпрямленіе (n) искривленій
aggiustaggio (m) delle curve
ajuste (m) de las curvas

8
Warmrichten (n)
hot-straightening
redressage (m) à chaud

выпрямленіе (n) въ нагрѣтомъ видѣ
aggiustaggio (m) a caldo
ajuste (m) de las curvas en caliente

9
Kaltrichten (n)
cold-straightening [gagging A]
redressage (m) à froid

выпрямленіе (n) въ холодномъ видѣ; холодное выпрямленіе
aggiustaggio (m) a freddo
ajuste (m) de las curvas en frío

10
das Gleis heben (v)
to lift the track
relever (v) les traverses (les rails)

поднять путь; подъёмка (f) пути
sollevare (v) il binario
elevar (v) la vía

Zurücktreiben (n) der Schienen
moving the rails backwards
recul (m) de rails

вывѣска (f) пути
spingere (v) indietro le rotaie
retroceso (m) de los carriles
1

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annageln (v)
to spike
fixer (v) par crampon

забивать *или* загонять костыли
inchiodare (v)
fijar (v) por escarpias
2

Voreilen (n) eines Schienenstranges
leading
avancement (m) de la pose d'une file de rails

укладка (f) одного ряда рельсъ
predisporre (v) la posa di una fila di rotaie
acción (f) de avanzar el asiento de una fila de carriles
3

---

die Stöße liegen nicht im Winkel
the joints alternate
les joints alternent

стыки (m pl) расположены въ перебѣжку *или* въ перевязку
i giunti si alternano
las juntas están alternadas
4

Verfüllung (f) des Gleises
bedding *or* packing the line
ballastage (m) de la voie

балластировка (f) пути
inghiaiare (v) il binario
relleno (m) de la vía
5

---

das Gleis verfüllen (v)
to bed *or* pack the line
ballaster (v), couvrir (v) la voie de ballast

балластировать путь
inghiaiare (v) il binario
rellenar (v) la vía
6

---

die Bettung aufbringen (v)
to lay the ballast
charger (v) le ballast

насыпать балластъ; балластировка (f)
mettere (v) la massicciata
cargar (v) el balasto
7

---

die Bettung einebnen (v)
to level the ballast
aplanir (v) *ou* régaler (v), *ou* niveler (v) le ballast

разравнивать балластъ
livellare (v) la massicciata
nivelar (v) *ó* aplanar (v) el balasto
8

---

den Bettungsstoff feststampfen (v)
to ram *or* tamp the ballast
damer (v) le ballast

утрамбовать балластъ
comprimere (v) fortemente la machicciata
apisonar (v) el balasto
9

Schwellenunterstopfung (f)
packing *or* tamping of the sleepers *or* ties (A)
bourrage (m) des traverses

подбивка (f) шпалъ *или* поперечинъ
rincalzamento (m) delle traversine
bateado (m) de las traviesas
10

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die Schwelle [unter-] stopfen (v) *oder* unterkrampen (v)
to pack *or* tamp the sleepers *or* ties (A)
bourrer (v) la traverse

подби-ть (-вать) шпалу *или* поперечину
rincalzare (v) le traversine dal di sotto
batear (v) la traviesa
11

Stopfdichte (f)
depth of packing or tamping
hauteur (f) de bourrage

Stopfbettung (m)
packing or tamping
coup (m) de pioche à bourrer

Bettungsarbeit (m)
bearing or core of ballast
ouvrage (m) de ballast

Lockern (m) des Bettungskernes
loosening of the break-up
the core
dégagement (m) du noyau de ballast

die Schwelle liegt mit der Unterkante
the sleeper is well bedded
le traverse repose parfaitement

eisenbahnsicherer Stoßabweiser (m)
sleepers next to joints
rail end on one side only
traverses (f) de joint bourrées d'un seul côté

Gleisumbau (m)
relaying the track
renouvellement (m) de la voie

Umbau (m) des Gleises
renewing the track
réfection (f) de la voie

Umbauarbeiten (f)
re-laying section
section (f) en réfection
en reconstruction

ballast (f) bearing
ballast (f) de ballast
balastage (m)

Stopfen (m) mit Stopfhacken
tamping (m) with picks
bourrage (m) à la pioche

Stopfhacke (f)
tamping pick
pioche (f) à bourrer

Bettungsarbeiten (f)
bearing or core of ballast
ouvrage (m) de ballast

Lockern (m) des Bettungskernes
loosening of the break-up
the core
dégagement (m) du noyau de ballast

die Schwelle liegt mit der Unterkante
the sleeper is well bedded
le traverse repose parfaitement

eisenbahnsicherer Stoßabweiser (m)
sleepers next to joints
rail end on one side only
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Gleisumbau (m)
relaying the track
renouvellement (m) de la voie

Umbau (m) des Gleises
renewing the track
réfection (f) de la voie

Umbauarbeiten (f)
re-laying section
section (f) en réfection
en reconstruction

Stopfdichte (f)
depth of packing or tamping
hauteur (f) de bourrage

Stopfbettung (m)
packing or tamping
coup (m) de pioche à bourrer

Bettungsarbeiten (m)
bearing or core of ballast
ouvrage (m) de ballast

Lockern (m) des Bettungskernes
loosening of the break-up
the core
dégagement (m) du noyau de ballast

die Schwelle liegt mit der Unterkante
the sleeper is well bedded
le traverse repose parfaitement

eisenbahnsicherer Stoßabweiser (m)
sleepers next to joints
rail end on one side only
traverses (f) de joint bourrées d'un seul côté

Gleisumbau (m)
relaying the track
renouvellement (m) de la voie

Umbau (m) des Gleises
renewing the track
réfection (f) de la voie

Umbauarbeiten (f)
re-laying section
section (f) en réfection
en reconstruction

Stopfdichte (f)
depth of packing or tamping
hauteur (f) de bourrage

Stopfbettung (m)
packing or tamping
coup (m) de pioche à bourrer

Bettungsarbeiten (m)
bearing or core of ballast
ouvrage (m) de ballast

Lockern (m) des Bettungskernes
loosening of the break-up
the core
dégagement (m) du noyau de ballast

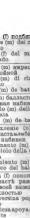
die Schwelle liegt mit der Unterkante
the sleeper is well bedded
le traverse repose parfaitement

eisenbahnsicherer Stoßabweiser (m)
sleepers next to joints
rail end on one side only
traverses (f) de joint bourrées d'un seul côté

Gleisumbau (m)
relaying the track
renouvellement (m) de la voie

Umbau (m) des Gleises
renewing the track
réfection (f) de la voie

Umbauarbeiten (f)
re-laying section
section (f) en réfection
en reconstruction



Stopfdichte (f)
depth of packing or tamping
hauteur (f) de bourrage

Stopfbettung (m)
packing or tamping
coup (m) de pioche à bourrer

Bettungsarbeiten (m)
bearing or core of ballast
ouvrage (m) de ballast

Lockern (m) des Bettungskernes
loosening of the break-up
the core
dégagement (m) du noyau de ballast

die Schwelle liegt mit der Unterkante
the sleeper is well bedded
le traverse repose parfaitement

eisenbahnsicherer Stoßabweiser (m)
sleepers next to joints
rail end on one side only
traverses (f) de joint bourrées d'un seul côté

Gleisumbau (m)
relaying the track
renouvellement (m) de la voie

Umbau (m) des Gleises
renewing the track
réfection (f) de la voie

Umbauarbeiten (f)
re-laying section
section (f) en réfection
en reconstruction

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Neubaustrecke (f)
newly laid line
pose (f) d'une voie neuve

укладка (f) новаго участка
posa (f) di una nuova linea
asiento (m) de una via nueva

1

Vorstrecken (n) des Gleises
laying the rails *or* track
pose (f) de la voie par tronçons successifs

укладка (f) пути
montaggio (m) del binario per tratti successivi
avance (m) de la via

2

Vorstreckgleis (n)
temporary track, auxiliary track
voie (f) provisoire

временный путь (m) для укладки
binario (m) d'avanzamento
via (f) provisional

3

Vorstreckschiene (f)
auxiliary rail
rail (m) provisoire

стыковый рельсъ (m)
rotaia (f) di avanzamento
carril (m) provisional

4

Paßschiene (f), Haustück (n)
temporary rail
rail (m) de passage

вставной рельсъ (m)
rotaia (f) di possaggio
carril (m) de paso

5

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die Schiene wenden (v)
to turn the rail
retourner (v) le rail

повернуть рельсъ
capovolgere (v) rivoltare le rotaie
volver (v) el carril

6

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einen Schienennagel ausziehen (v)
to draw a spike
retirer (v) un crampon d'attache de rail

выдернуть костыль
estrarre (v) un arpione di attacco di rotaia
sacar (v) una escarpia de carril

7

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mittels Stopfhacke entfernen (v)
to draw by means of a tamping pick
débourrer (v) à la pioche

выкирковать
scavare (v) colla zeppa
limpiar (v) con la rasqueta

8

Oberbau für Bahnen besonderer Bauart

Track Equipment for Railways of Special Construction

Superstructure de chemins de fer de types spéciaux

Верхнее строеніе дорогъ особой конструкціи

Armamento per ferrovie speciali

Superstructura para vias de tipo especial

9

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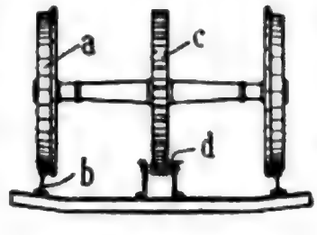
1. Zahnbahnen und Bahnen gemischten Systems
Rack Railways and Railways of Mixed System
Chemins de fer à crémaillère et de systèmes divers

Зубчатыя дороги и дороги смѣшаннаго типа
Ferrovie a dentiera e sistemi diversi
Ferrocarriles de cremallera y de sistema mixto

10

Zahnbahn (f), Zahnradbahn (f), Zahnstangenbahn (f)
rack railway
chemin (m) de fer à crémaillère



зубчатая желѣзная дорога (f)
ferrovia (f) dentata, ferrovia (f) a dentiera
camino (m) de hierro ó ferrocarril (m) de cremallera

11

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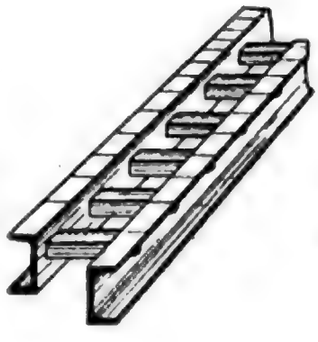
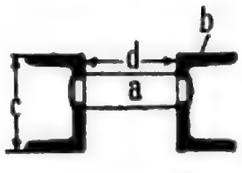
1	reine Zahnbahn (f) rack railway chemin (m) de fer à crémaillère proprement dit		собственно зубчатая желѣзная дорога (f); зубчатая дорога въ собственномъ смыслѣ ferrovia (f) dentata propriamente detta ferrocarril (m) de cremallera propiamento dicho
2	Tragrad (n), Laufrad (n) carrying wheel, running wheel roue (f) porteuse	a	ведущее колесо; поддерживающее колесо (n) ruota (f) portante rueda (f) de apoyo
3	Tragschiene (f), Laufschiene (f) carrying rail, running rail, track rail rail (m) porteur	b	ведущій рельсъ (m); поддерживающій рельсъ rotaia (f) portante carril (m) de apoyo
4	Zahnrad (n) cogged wheel, pinion roue (f) dentée	c	зубчатое колесо (n) ruota (f) dentata rueda (f) dentada
5	Zahnstange (f) rack, rack rail crémaillère (f)	d	зубчатая рейка (f); зубчатка (f) asta (f) dentata, dentiera (f) cremallera (f)
6	stehende Zahnstange (f) upright rack crémaillère (f) verticale		вертикальная зубчатая рейка (f) *или* зубчатка (f) dentiera (f) verticale cremallera (f) vertical
7	Leiterzahnstange (f) ladder rack crémaillère (f) à échelle		ступенчатая зубчатая рейка (f); зубчатка (f) въ видѣ лѣстницы dentiera (f) a scala *o* piuoli cremallera (f) de escala
8	Stangenzahn (m) rack tooth dent (f) de crémaillere	 a	зубецъ (m) рейки dente (m) *o* piuolo (m) della dentiera diente (m) de la cremallera
9	Wange (f) cheek (of rack) joue (f), flasque (m)	b	щека (f) ganascia (f), fiancata (f) ala (f) del larguero
10	Wangenhöhe (f) height of cheek hauteur (f) de joue *ou* de flasque	c	высота (f) щеки altezza (f) della ganascia altura (f) del larguero

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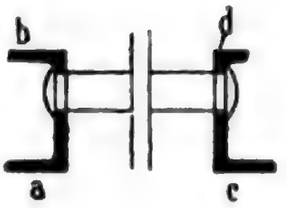
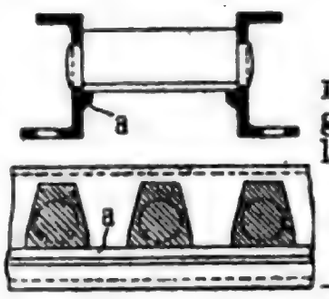
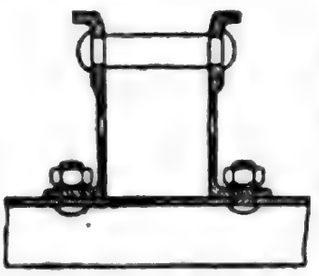
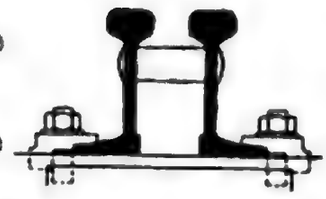
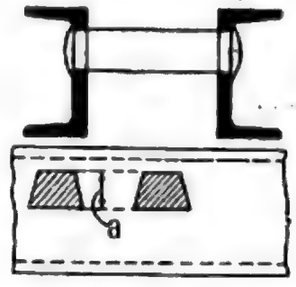
Wangenabstand (m) distance between cheeks écartement (m) des flasques	d	разстояніе (n) между щеками distanza (f) tra ganascie distancia (f) de los largueros	1
Wange (f) aus U-Eisen cheek formed of channel bar flasque (m) en U		щека (f) изъ U-образнаго *или* изъ швелернаго желѣза ganascia (f) ad U larguero (m) en U	2
gleichflanschige Wange (f) channel bar cheek with equal flanges flasque (m) à ailes *ou* semelles égales	a	щека (f) съ равными фланцами *или* полками ganascia (f) ad ale uguali larguero (m) de alas iguales	3
breiter Oberflansch (m) wide top flange aile (f) *ou* semelle (f) supérieure large	b	широкая верхняя щека (f); широкій верхній фланецъ (m) ala (f) superiore larga ala (f) superior larga	4
ungleichflanschige Wange (f) cheek with unequal flanges flasque (m) à ailes *ou* semelles inégales	c	щека (f) съ неравными полками *или* фланцами guancia (f) ad ale disuguali larguero (m) de alas desiguales	5
schmaler Oberflansch (m) narrow top flange aile (f) *ou* semelle (f) supérieure étroite	d	узкая верхняя полка (f); узкій верхній фланецъ (m) ala (f) superiore stretta ala (f) superior corta	6
Wange (f) mit Leisten cheek with fillet *or* rib *or* shoulder flasque (m) à nervure [d'appui]		щека (f) съ приливами ganascia (f) a listelli larguero (m) con nervios *ó* listones	7
Wangenleiste (f) rib *or* fillet *or* shoulder on cheek nervure (f) [d'appui]	a	закраина (f) *или* приливъ (m) щеки listello (m) della ganascia nervio (m) *ó* listón (m) de larguero	8
oben abgeschrägte Wange (f) cheek with bevelled top flasque (m) à arête supérieure chanfreinée		щека (f) со скошеннымъ верхомъ ganascia (f) smussata superiormente larguero (m) biselado por su parte superior	9



schienenförmige Wange (f)
1 cheek with rail-head
flasque (m) en forme de rail

рельсообразная щека (f)
ganascia (f) in forma di rotaia, ganascia-rotaia (f)
larguero (m) en forma de carril



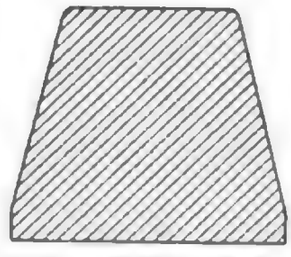
trapezförmiger Zahn (m)
2 trapezoidal tooth
dent (f) trapézoidale

трапецоидальный зуб[ец]ъ (m)
dente (m) trapeziforme
diente (m) de forma trapecial

Zahnhöhe (f)
3 depth of tooth
hauteur (f) de la dent

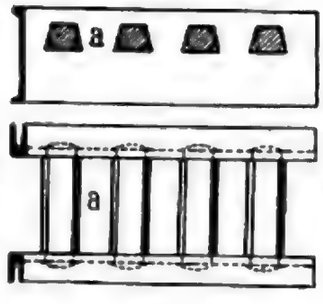
a

высота (f) зуб[ц]а
altezza (f) del dente
altura (f) del diente



unten abgekanteter Stangenzahn (m)
4 square-bottomed rack tooth
dent (f) chanfreinée en bas

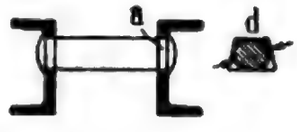
зуб[ец]ъ (m) рейки, плоско срѣзанный снизу
dente (m) smussato al basso
diente (m) achaflanado por abajo



Zahnlücke (f)
5 gap between teeth
creux (m) *ou* intervalle (m) entre deux dents

a

промежутокъ (m) между зубцами
spazio (m) tra i denti
espacio (m) *ó* juego (m) entre los dientes



Zahnzapfen (m)
6 bearing end of tooth
tenon (m) de la dent

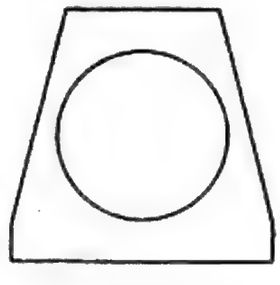
a

цапфа (f) *или* шейка (f) зуб[ц]а
perno (m) del dente
muñón (m) del diente

Zahnzapfendurchmesser (m)
7 diameter of bearing end of tooth
diamètre (m) du tenon de la dent

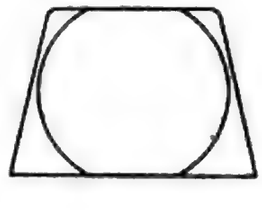
d

діаметръ (m) шейки *или* цапфы зуб[ц]а
diametro (m) del perno del dente
diámetro (m) del muñón del diente



runder Zahnzapfen (m), kreisförmiger Zahnzapfen (m)
8 round tooth-end, circular tooth end
tenon (m) rond *ou* circulaire de la dent

круглая шейка (f) *или* цапфа (f) зуб[ц]а
perno (m) rotondo del dente
muñón (m) redondo *ó* circular del diente



abgeplatteter Zahnzapfen (m)
9 flattened bearing end of tooth
tenon (m) aplati de dent

срѣзанная шейка (f) *или* цапфа (f) зуб[ц]а
perno (m) appiattito del dente
muñón (m) aplanado del diente

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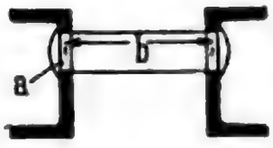
Zahnlänge (f) zwischen den Wangen
length of tooth between cheeks
longueur (f) de la dent entre les flasques

a

длина (f) зубца между щеками
larghezza (f) del dente tra le ganascie
longitud (f) del diente entre los largueros

1

Einspannung (f) des Zahnes
fixing of tooth
fixation (f) de la dent



закрѣпленіе (n) зубца
inserzione (f) del dente
encaje (m) ó inserción (f) del diente

2

Einspannstelle (f)
point where tooth is fixed, point of support
point (m) d'insertion

a

мѣсто (n) закрѣпленія
punto (m) d'inserzione
punto (m) de encaje ó de inserción

3

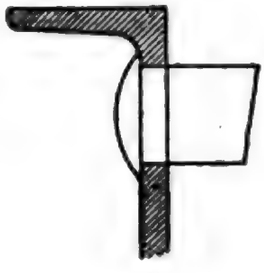
Stützweite (f)
distance between supports
portée (f), longueur (f) entre appuis

b

разстояніе (n) между опорами
distanza (f) tra appoggi
luz (f); distancia (f) entre los apoyos

4

eingenieteter Zahn (m)
riveted tooth
dent (f) rivée



расклёпанный зубецъ (m)
dente (m) ribadito [a posto]
diente (m) remachado

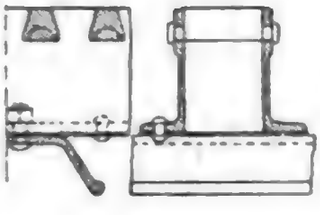
5

lose eingesteckter Zahn (m)
tooth loosely fitted
dent (f) nou rivée *ou* à tenon

свободно вставленный зубецъ (m)
dente (m) infilato liberamente
diente (m) colocado libremente en su sitio

6

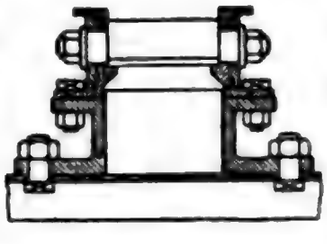
mit den Wangenflanschen bündig liegende Zahnköpfe (m pl)
teeth with tops flush with the top of cheeks
têtes (f pl) de dents affleurant le bord [supérieur] des flasques



головки (f pl) зубцовъ, закрѣплённыя въ уровнѣ закраинъ щёкъ
teste (f pl) di denti a livello delle ali delle ganascie
cabezas (f pl) de los dientes á nivel con las almas de los largueros

7

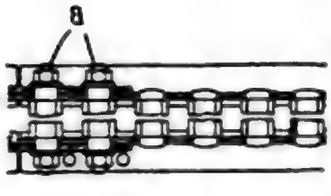
Zahn (m) mit Gewindeansatz
tooth with threaded ends
dent (f) à bouts filetés



зуб[ец]ъ (m) съ рѣзьбой на концахъ
dente (m) con prolungamento filettato
diente (m) con los extremos roscados

8

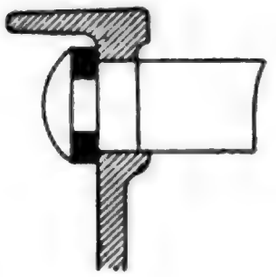
Verbindungszahn (m)
tooth and stay-bolt combined
dent (f) d'assemblage



a

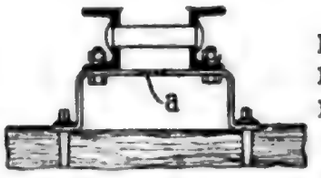
соединительный зуб[ец]ъ (m)
dente (m) di collegamento
diente (m) de unión

9



Nietkopf (m) mit Unterlegscheibe
1 rivet-head with washer
bout (m) rivé avec rondelle d'appui

головка (f) заклёпки съ шайбой
capocchia (f) con rondella
cabeza (f) de remache con arandela [de apoyo]



Aufsattelung (f)
2 bedding on saddles
pose (f) *ou* montage (m) *ou* siège (m) sur selle

посадка (f) на опору
montaggio (m) su sella
montaje (m) sobre silla

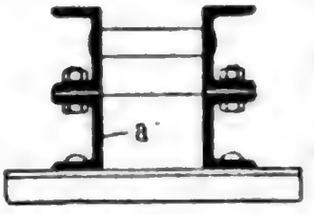
Eisensattel (m)
3 iron saddle
selle (f) en fer

a

желѣзная опора (f)
sella (f) in ferro
silla (f) de hierro

Holzsattel (m)
4 timber saddle
selle (f) en bois

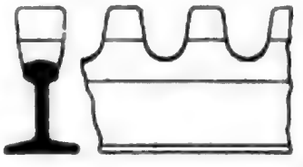
деревянная опора (f)
sella (f) in legno
silla (f) de madera



a

Sattelstück (n) aus U-Eisen
5 saddle formed of channel bars
selle (f) en fer en U

опора (f) изъ швелернаго *или* U-образнаго желѣза
sella (f) in ferro ad U
silla (f) de hierro en U



Zahnschiene (f), breitfüßige Zahnstange (f), Zahnstange (f) von Strub
6 cogged rail, Strub's flat-bottomed rack-rail
crémaillère (f) Strub, rail-crémaillère (m)

зубчатый рельсъ (m); зубчатая рейка (f) съ широкой подошвой системы штруба
rotaia (f) a fungo dentato di Strub
cremallera (f) Strub, carril (m) cremallera

---

keilförmiger Zahngrund (m), beiderseits abgeschrägter Zahngrund (m)
7 wedge-shaped base of tooth, base of tooth bevelled on both sides
fond (m) de dent en forme de coin

a

клинообразное основаніе (n) зубца; основаніе зуба, скошенное съ двухъ сторонъ
fondo (m) cuneiforme tra denti
fondo (m) entre dos dientes cuneiforme

---

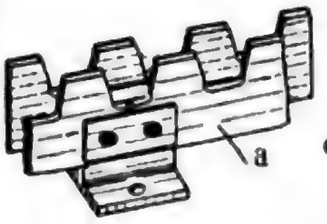
unterschnittener Zahn (m)
8 undercut tooth
dent (f) évidée à la base

подрѣзанный зуб[ец]ъ (m)
dente (m) ritagliato
diente (m) recortado

Unterschneiden (n) der Zähne
9 undercutting of teeth
évidement (m) des dents

подрѣзка (f) зубцовъ
ritaglio (m) dei denti
recortado (m) de los dientes

Stufenzahnstange (f), Plattenzahnstange (f), Zahnstange (f) mit versetzten Zähnen, Abtsche Zahnstange (f)
Abt rack, (rack of toothed bars with staggered teeth)
crémaillère (f) à dents alternées



ступенеобразная зубчатая рейка (f); рейка изъ плоскаго желѣза; рейка со взаимно сдвинутыми зубцами
dentiera (f) a gradini, dentiera (f) a denti alternati
cremallera (f) doble de dientes alternados 1

Zahnplatte (f), Lamelle (f)
rack bar
lame (f) *ou* plaque (f) de crémaillère

a

полоса (f) зубчатой рейки
lama (f), piastra (f) dentata *o* di dentiera
lámina (f) *ó* placa (f) de la cremallera 2

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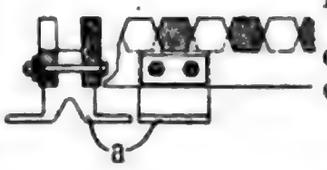
zweistufige *oder* zweiplattige Zahnstange (f)
double bar rack
crémaillère (f) à deux lames inégales



рейка (f), состоящая изъ двухъ полосъ
dentiera (f) a due lame
cremallera (f) de dos placas *ó* láminas, cremallera (f) doble 3

Plattenstuhl (m)
rack-chair
coussinet (m) de lame [de crémaillère]

a

опора (f) для полосъ рейки
cuscino (m) di piastra
silla (f) de apoyo de la lámina 4

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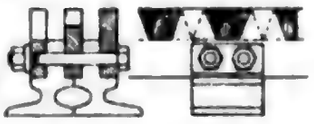
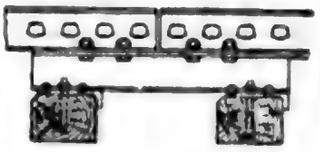
dreistufige *oder* dreiplattige Zahnstange (f)
triple bar rack
crémaillère (f) à trois lames inégales



рейка (f), состояшая изъ трёхъ полосъ
dentiera (f) a tre lame
cremallera (f) triple *ó* de tres láminas 5

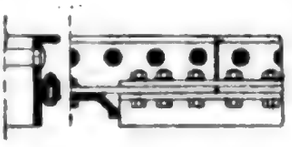
Zahnstangenstoß (m)
rack joint
joint (m) de crémaillère



стыкъ (m) зубчатой рейки
giunto (m) di dentiera
junta (f) *ó* unión (f) de la cremallera 6

---

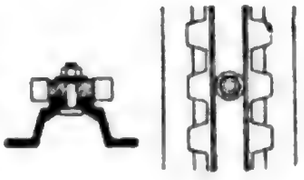
doppelschnittiger Stangenstoß (m)
double section rack joint
joint (m) de crémaillère double *ou* joint (m) moisant



двойной стыкъ (m) зубчатой рейки
giunto (m) di dentiera a doppio incastro
junta (f) de cremallera doble 7

---

liegende Doppelzahnstange (f), Lochersche Zahnstange (f)
double rack with horizontal teeth, Locher rack
crémaillère (f) de Locher à double crémaillère (f) horizontale



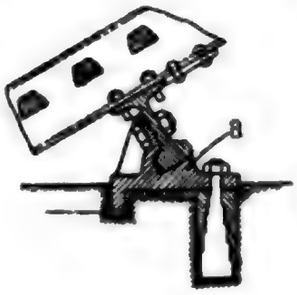
горизонтальная двойная рейка (f); рейка системы Лохера
dentiera (f) di Locher, dentiera (f) doppia appoggiata, dentiera (f) orizzontale
cremallera (f) de Locher, cremallera (f) doble horizontal 8

1 Stützung (f) der Querschwellen
supporting of the cross-sleepers *or* cross ties (A)
soutien (m) *ou* support (m) des traverses

закрѣпленіе (n) поперечинъ
appoggio (m) delle traversine
apoyo(m) de las traviesas

---

2 Schwellensattel (m),
sleeper saddle rack railway
selle (f) de traverse.

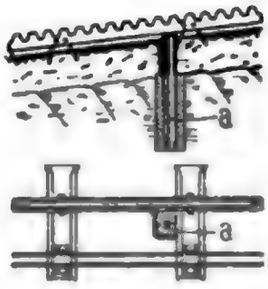


a

сѣдло (n) *или* рама (f) для поперечины
sella (f) della traversina
silla (f) *ó* cojinete (m) de traviesa

---

3 Festpunkt (m), Ankerpunkt (m)
point of anchorage
point (m) d'ancrage



неподвижно закрѣплённая опора (f); упоръ (m)
punto (m) fisso
punto (m) de anclaje *ó* de detención

---

4 Felsanker (m)
anchorage to rock
ancre (f) pour rocher

a

якорь (m), укрѣплённый въ скалѣ
ancora (f) *o* bullone di fondazione da roccia
ancla (f) de empotramiento

---

5 den Anker in den Felsboden einlassen (v)
to anchor in the rock
encastrer (v) l'ancre dans le sol rocheux

заложить якорь въ скалистый грунтъ
incastrare (v) l'ancora nel terreno roccioso
empotrar (v) el ancla en un suelo rocoso

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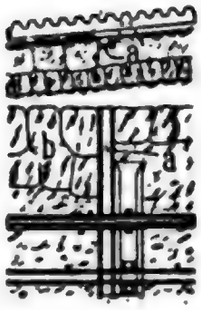
6 Querstütze (f)
cross-anchoring
barre (f) [de retenue] transversale



a

поперечный упоръ (m)
ancora (f) trasversale
ancla (f) transversal, barra (f) de detención transversal

---

7 in Steinpflaster verlegte Schwellen (f pl)
sleepers *or* ties (A) laid in stone pavement
traverses (f pl) posées dans le pavage

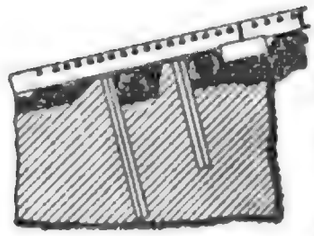
поперечины (f pl), заложенныя въ каменную мостовую
traversine (f pl) poste nel selciato
traviesas (f pl) empedradas

---

8 in Mauerwerk verlegte Schwellen (f pl)
sleepers *or* ties (A) laid in masonry
traverses (f pl) fixées *ou* noyées dans la maçonnerie *ou* maçonnées

поперечины (f pl), задѣланныя въ каменную кладку
traversine (f pl) immurate
traviesas (f pl) en mamposteria

Betonklotz (m)
concrete block
bloc (m) de béton

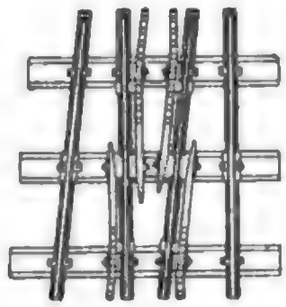


бетонный массивъ (m)
blocco (m) di calcestruzzo
bloque (m) de hormigón 1

Einpflasterung (f) der Zahnstange
fixing the rack in the pavement
crémaillère (f) posée dans le pavage

задѣлка (f) зубчатой рейки въ каменной мостовой
impavimentazione (f) della dentiera
empedrado (m) de la cremallera 2

Zahnstangenweiche (f)
rack switch
changement (m) de voie de crémaillère, aiguille (f) de crémaillère



стрѣлка (f) зубчатой рейки
scambio (m) della via dentata
cambio (m) de via ó aguja (f) de cremallera 3

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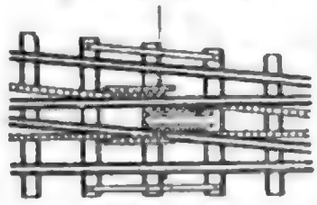
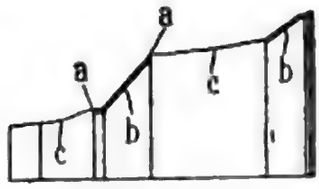
durchgehende Zahnstange (f)
continuous rack
crémaillère (f) continue



непрерывная зубчатая рейка (f)
dentiera (f) continua
cremallera (f) continua 4

---

gemischte Bahn (f), vereinigte Reibungs- und Zahnbahn (f)
combined rack and adhesion-railway
voie (f) mixte, voie (f) à crémaillère et à adhérence



желѣзная дорога (f) смѣшаннаго типа; дорога съ участками какъ простой, такъ и зубчатой тяги
ferrovia (f) mista, ferrovia (f) a dentiera e ad aderenza naturale
via (f) mixta; via (f) de cremallera y de adherencia 5

Übergangstelle (f)
transition length
point (m) de transition *ou* de changement de section — a

мѣсто (n) перехода
punto (m) di passaggio
punto (m) de paso 6

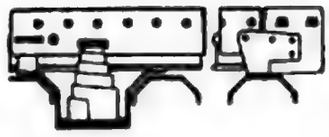
Zahnstangenstrecke (f)
rack division
section (f) à crémaillère — b

участокъ (m) зубчатой тяги
tratto (m) a dentiera
sección (f) de cremallera 7

Reibungsstrecke (f)
adhesion division
section (f) à adhérence — c

участокъ (m) простой тяги
tratto (m) ad aderenza naturale
sección (f) de adherencia 8

Zahnstangeneinfahrtstück (n)
entrance tongue of rack
pièce (f) d'entrée de crémaillère



мѣсто (n) въѣзда на зубчатую рейку
pezzo (m) d'entrata o d'imbocco nella dentiera
pieza (f) de entrada en la cremallera 9

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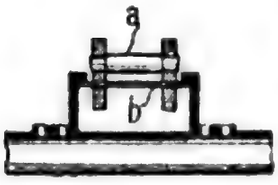
drehbar gelagerter Zahn (m) 1 revolving tooth dent (f) tournante *ou* à tourillon	 a	вращающійся зуб[ец]ъ (m) dente(m) [montato] girevole diente (m) rotativo *ó* giratorio
Querriegel (m) 2 cross bolt verrou (m) transversal	b	поперечная задвижка (f) catenaccio (m) trasversale cerrojo (m) transversal
2. Seilbahnen **Cableways** 3 **Chemins de fer funiculaires**		**Канатныя дороги** **Ferrovie funicolari** **Ferrocarriles funiculares**
Drahtseil (n) 4 wire rope, cable câble (m) métallique		проволочный канатъ (m) fune (f) metallica, cavo (m) cable (m) metálico
Seilgewicht (n) 5 weight of cable poids (m) du câble		вѣсъ (m) каната peso (m) della fune peso (m) del cable
Seilgeschwindigkeit (f) 6 speed of cable vitesse (f) du câble		скорость (f) движенія каната velocità (f) della fune velocidad (f) del cable
Seilsteifigkeit (f), Seilbiegungswiderstand (m) 7 stiffness of cable, resistance to bending rigidité (f) du câble		жёсткость (f) каната rigidezza (f) *o* rigidità (f) della fune rigidez (f) del cable
Seilspannung (f) 8 tension of cable tension (f) du câble		натяженіе (n) каната tensione (f) della fune tensión (f) del cable
n-drähtiges Seil (n) 9 cable of n wires câble (m) de n fils		канатъ (m) о *n*-проволокахъ fune (f) di n fili cable (m) de n alambres
Spiralseil (n) mit Kreuzschlag 10 spirally wound cable with cross lay câble (m) hélicoïdal à croisement diagonal		витой канатъ (m) съ крестообразнымъ переплетеніемъ; канатъ съ круткой накрестъ fune (f) elicoidale a fili incrociati cable (m) retorcido en espiral con trama en cruz

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Seil (n) mit Albertschlag Lang *or* Albert lay rope câble (m) avec torsion Albert à croisement *ou* longitudinal		канатъ (m) съ переплетеніемъ по способу Альберта; канатъ свитый новымъ способомъ fune (f) con avvolgimento Albert cable (m) con trama Albert	1
Litzenseil (n) rope made of strands câble (m) à torons	a	канатъ (m) изъ прядей *или* стренгъ fune (f) a trefoli cable (m) de varios cordones	2
Seillitze (f) strand of cable toron (m) de câble	a	прядь (f) каната; стренга (f) trefolo (m) cordón (m) *ó* torón (m) de cable	3
flachlitziges Seil (n) cable with flat strands câble (m) à torons plats		канатъ (m) изъ плоскихъ прядей fune (f) a trefoli piatti cable (m) de cordones planos	4
dreikantlitziges Seil (n) cable with triangular strands câble (m) à torons triangulaires		канатъ (m) изъ трёхгранныхъ прядей fune (f) a trefoli triangolari cable (m) de cordones triangulares	5
verschlossenes Seil (n) closed cable câble (m) a surface lisse, câble (m) clos		сомкнутый *или* замкнутый канатъ (m) fune (f) continua cable (m) cerrado	6
Formdraht (m) wire of special cross section fil (m) profilé		фасонная проволока (f) filo (m) profilato alambre (m) perfilado	7
Längen (n) des Seiles stretching of the cable allongement (m) du câble		растяженіе (n) каната allungamento (m) della fune alargamiento (m) del cable	8
das Seil längt sich *oder* streckt sich *oder* fließt the cable stretches le câble s'allonge		канатъ (m) растягивается la fune si allunga si distente el cable se alarga *ó* se dilata	9
offenes Seil (n) open cable, tail rope câble (m) ouvert		открытый канатъ (m) fune (f) aperta cable (m) abierto	10

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1 geschlossenes *oder* endloses Seil (n)
endless rope *or* cable
câble (m) sans fin

замкутый *или* безконечный канатъ (m)
fune (f) continua, fune (f) chiusa *o* senza fine
cable (m) sin fin

2 Seilebene (f)
plane of rope
funiculaire (m) plan

плоскость (f) движенія каната
piano (m) funicolare
plano (m) funicular

3 Doppelbetrieb (m)
double working
plan (m) automoteur, service (m) double

двойная тяга (f)
movimento (m) doppio
servicio (m) doble

4 Zugseil (n)
traction rope, hauling cable
câble (m) tracteur *ou* de traction

тяговый *или* движущій канатъ (m)
fune (f) di trazione
cable (m) de tracción

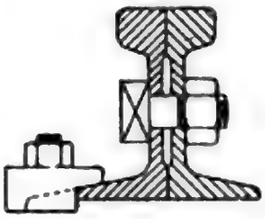
5 Sicherungsseil (n)
safety cable
câble (m) de sûreté

предохранительный канатъ (m)
fune (f) di sicurezza
cable (m) de seguridad

6 Ausweichstelle (f)
turn-out
point (m) d'évitement

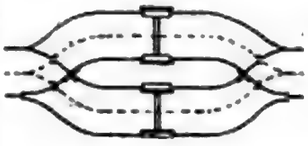
разъѣздъ (m)
punto (m) di scambio
apartadero (m)

7 Gabelung (f) der Mittelschiene
doubling *or* forking of centre rail
bifurcation (f) du rail central



раздвоеніе (n) средняго рельса
biforcazione (f) della rotaia centrale
bifurcación (f) del carril medio

8 selbsttätige Ausweiche (f) für Räder mit äußerem und innerem Spurkranze
self-acting turn-out for wheels with inside and outside flanges
changement (m) de voie automatique pour roues à boudin *ou* mentonnet extérieur et intérieur



самодѣйствующая *или* автоматическая стрѣлка (f) для колёсъ съ внутренними и внѣшними ребордами
scambio (m) automatico per ruote ad orlo esterno ed interno
apartadero (m) automático para ruedas con reborde exterior é interior

9 selbsttätige Ausweiche (f) für Räder mit doppeltem Spurkranze
self-acting turn-out for wheels with double flanges
changement (m) de voie automatique pour roues à double boudin *ou* à double mentonnet

самодѣйствующая *или* автоматическая стрѣлка (f) для колёсъ съ двойною ребордою
scambio (m) automatico per ruote a doppio orlo
apartadero (m) automático para ruedas con reborde doble

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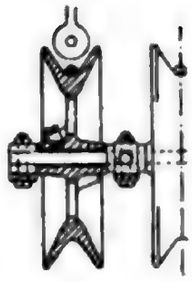
Seilführung (f)
guiding of rope
guidage (m) du câble

проводка (f) каната; направленіе (n) каната
modo (m) di guidare la fune
guía (f) del cable

1

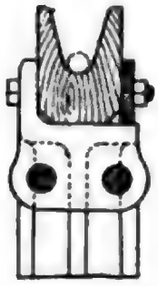
Seilrolle (f) für gerade Strecke
upright pulley *or* sheave
poulie (f) à câble droite, poulie (f) à gorge, droite



поддерживающій роликъ (m) для прямыхъ участковъ
rullo (m) *o* girella (f) diritta
polea (f) de garganta vertical para vía recta

2

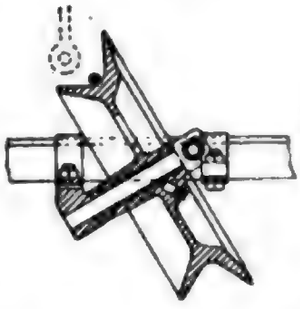
Ausfütterung (f) *oder* Auspolsterung (f) der Seilrinne
lining of pulley groove *or* sheave groove
garniture (f) de la gorge à câble



обдѣлка (f) желобка
guarnizione (f) *o* rivestimento (m) della gola della girella
revestimiento (m) de la garganta del cable

3

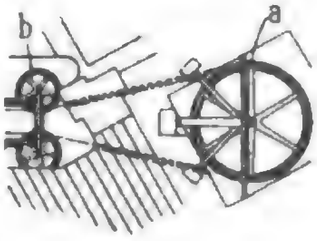
schiefe Seilrolle (f)
skew pulley *or* sheave
poulie (f) à gorge oblique



наклонный роликъ (m)
girella (f) inclinata
polea (f) de garganta oblicua *ó* inclinada

4

Umleitungsrolle (f), Kehrrolle (f)
return pulley, end pulley *or* sheave
poulie (f) de retour



поворотный шкивъ (m)
puleggia (f) di rinvio
polea (f) de retorno

5

a

Ablenkungsrolle (f)
guide pulley, angle pulley *or* sheave
poulie (f) de déviation

b

направляющій роликъ (m)
puleggia (f) di deviazione
polea (f) de desviación, polea-guía (f)

6

Abheben (n) des Seiles
lifting off of the rope
relèvement (m) du câble

приподыманіе (n) каната
sollevamento (m) della fune
levantamiento (m) del cable

7

Peitschen (n) des Seiles
whipping of rope
fouettement (m) du câble

захлёстываніе (n) *или* качаніе (n) каната
movimento (m) della fune come una frusta
latigazo (m) del cable

8

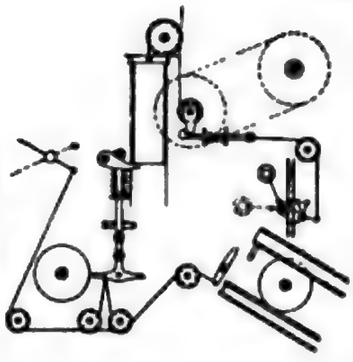
1 Durchhängen (n) des Seiles
sag of the cable
mou (m) du câble

провисаніе (n) каната
segare (v) della fune
flecha (f) del cable

2 Antriebstelle (f)
driving station
point (m) de commande

мѣсто (n) нахожденія двигателя
stazione (f) di comando
punto (m) de maniobra *ó* de accionamiento

3 selbsttätige Stationsbremse (f)
self-acting station brake
frein (m) automatique de station

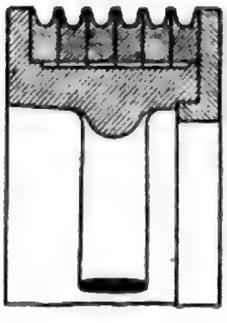


самодѣйствующій *или* автоматическій станціонный тормазъ (m)
freno (m) automatico di stazione
freno (m) automático de estación

4 selbsttätige Seilbruchbremse (f)
self-acting emergency brake (in case of broken rope)
frein (m) automatique de rupture du câble

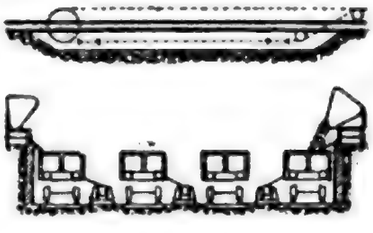
самодѣйтвующій *или* автоматическій тормазъ (m) на случай обрыва каната
freno (m) automatico agente per rottura della fune
freno (m) automático de rotura de cable

5 Seiltrommel (f)
cable drum
tambour (m) du câble



барабанъ (m) для навивки каната
tamburo (m) della fune
tambor (m) para cable

6 Verschiebeseilbahn (f)
traversing rope railway
voie (f) de manœuvre funiculaire *ou* à câble tracteur



маневровый путь (m) съ канатною тягою
binario (m) di manovra a fune
via (f) de maniobra por cable

7 Kabelbahn (f)
cable tramway
voie (f) à cable, chemin (m) de fer à câble *ou* funiculaire

канатная дорога (f); дорога съ канатною тягою
ferrovia (f) funicolare *od* a fune *od* a cavo
via (f) *ó* ferrocarril (m) de cable [colocado en una canal]

8 Seilkanal (m)
cable conduit
caniveau (m) du câble

каналъ (m) для каната
gola (f) *o* canale (m) per la fune
canal (f) del cable

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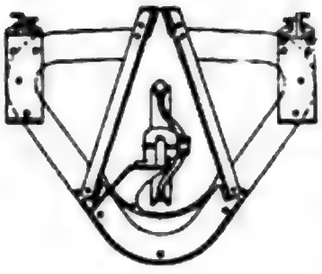
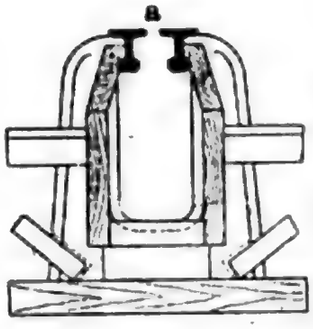
Seilkanalbock (m)
cable conduit yoke *or* frame
chevalet (m) du caniveau du câble



опора (f) для поддержанія каната въ каналѣ
sostegno (m) del canale per la fune *1*
caballete (m) de la canal del cable

Schlitzschiene (f)
slot rail
rail (m) à fente *ou* à rainure



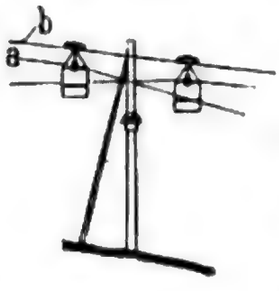
рельсъ (m), служащій для обдѣлки прорѣза
guida (f) a gola *2*
carril (m) de ranura

Mitnehmerschlitz (m)
slot for gripper
fente (f) *ou* rainure (f) de passage du grip *ou* de la pince d'attache

a

прорѣзъ (m) для пропуска ухвата *или* зажима
fenditura (f) per il braccio d'attacco *3*
ranura (f) del arrastrador

Drahtluftbahn (f), Luftseilbahn (f)
aerial ropeway, aerial cableway
voie (f) aérienne à câble, transport (m) aérien



воздушная канатная дорога (f); канатно-проволочная дорога
ferrovia (f) funicolare aerea *4*
ferrocarril (m) aéreo de cable

Zugseil (n), Treibseil (n)
traction rope, hauling rope
câble (m) de traction *ou* moteur

a

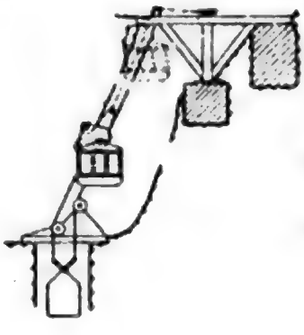
ведущій канатъ (m)
fune (f) di trazione, fune (f) motrice *5*
cable (m) de tracción, cable (m) motor

Tragseil (n), Laufseil (n)
carrying cable, running cable
câble (m) porteur

b

поддерживающій канатъ (m)
fune (f) portante *6*
cable (m) de suspensión

Bergseilaufzug (m)
mountain rope hoist
ascenseur (f) funiculaire de montagne



горный канатный фуникуляръ (m)
ascensore (m) funicolare di montagna *7*
ascensor (m) funicular de montaña

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V.

Gleisverbindungen
Connections between Tracks
Changements et intersections de voie

Соединенiе путей
Communicazioni tra binari
Uniones de las vías

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1 Verschiebungsweg (m)
shunting track, switching line (A)
longueur (f) de la voie (f) de manœuvre

путь (m) перевода
strada (f) di communicazione
recorrido (m) de maniobra

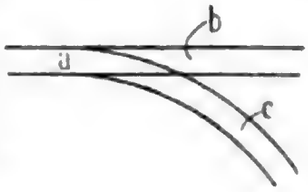
Weichen und Kreuzungen
Points or Switches and Crossings
Changements et croisements de voies

Переводы и скрещенiя
Scambi ed incroci di binari
Cambios y cruzamientos de vías

3 **1. Anordnungen von Weichen und Kreuzungen**
Arrangements of Points and Crossings
Disposition des changements de voie et des croisements

Расположенiе стрѣлокъ и скрещенiй
Disposizioni di scambi di linea e di incroci
Disposiciones de cambios de vía y de cruzamientos

4 Ablenkung (f), Abzweigung (f)
branching-off, bifurcation, turn-out
branchement (m), bifurcation (f)



отвѣтвленiе (n); развѣтвленiе (n)
diramazione (f), deviazione (f), biforcazione (f)
bifurcación (f), ramal (m)

---

5 das Gleis zweigt ab
the line branches off
la voie se bifurque

путь (m) развѣтвляется
il binario si dirama
la via se bifurca

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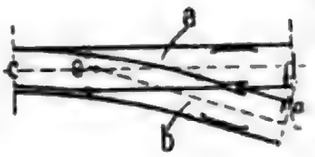
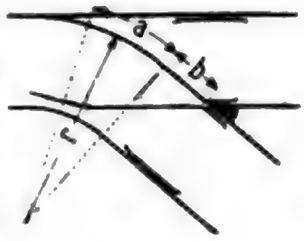
6 Abzweigungsstelle (f)
point of branching-off, spring of curve,
point (m) de bifurcation

a

мѣсто (n) развѣтвленiя
punto (m) di diramazione, bivio (m)
punto (m) de bifurcación

gerader Strang (m) straight line *or* track voie (f) droite *ou* directe	b	прямой путь (m) tratto (m) diritto via (f) recta	1
krummer Strang (m), gekrümmter Strang (m), ablenkender Strang (m) curved line voie (f) courbe, voie (f) déviée *ou* du branchement	c	закругленіе (n); переводный путь (m) tratto (m) curvo, tratto (m) deviato via (f) oblicua; via (f) desviada; via (f) curva	2
Weiche (f), Wechsel (m) points, switch changement (m) [de voie], excentrique (m) (Belgique)		стрѣлка (f); переводъ (m) scambio (m), deviatoio (m) cambio (m) [de via]	3
Stammgleis (n), Hauptgleis (n), Muttergleis (n), Mutterstrang (m) main track *or* line tronc (m) commun, voie (f) principale	a	главный путь (m) binario (m) principale, binario (m) diretto via (f) principal; via (f) directa	4
Zweiggleis (n), abzweigendes Gleis (n) branch track *or* line embranchement (m), voie (f) déviée	b	переводный путь (m) binario (m) laterale, binario (m) di diramazione *o* deviato via (f) lateral; ramal (m); via (f) de enlace	5
Weichenspitze (f), Weichenanfang (m) point, point of the switch (A) pointe (f) du changement	c	входъ (m) на стрѣлку; начало (n) перевода punta (f) dello scambio punta (f) del cambio	6
Weichenende (n) switch end extrémité (f) *ou* du changement	d	конецъ (m) стрѣлки *или* перевода calcio (m) dello scambio talón (m) del cambio	7
Weichenmittelpunkt (m), Knotenpunkt (m) der Weiche heel of switch centre (m) du changement	e	центръ (m) стрѣлки *или* перевода centro (m) dello scambio centro (m) del cambio	8
Weichenwinkel (m), Kreuzungswinkel (m) der Weiche angle of the crossing angle (m) du changement *ou* de la pointe du cœur	α	уголъ (m) крестовины angolo (m) d'incrociamento ángulo (m) del cambio; inclinación (f) del corazón	9
Kreuzungsverhältnis (n), Herzstückneigung (f) angle of crossing rapport (m) de croisement tangente (f) à l'angle de divergence	$tg\ \alpha$	коеффиціентъ (m) крестовины rapporto (m) d'incrociamento relación (f) de cruce *ó* de cruzamiento	10

1	Weiche (f) $^1/_n$ points *or* switch $^1/_n$ changement (m) dont la tangente $= {}^1/_n$	$tg\ \alpha = {}^1/_n$	стрѣлка (f) 1 : 9 scambio (m) cambio (m) cuya tangente es $^1/_n$
2	Abstand (m) von Zungenspitze zu Herzstückspitze lead of crossing longueur (f) du croisement	 a	разстояніе (n) отъ острія пера до острія крестовины distanza (f) fra la punta dell' ago a quella del cuore longitud (f) del cruzamiento
3	Weichenbogen (m) curvature between heel of switch and rail of crossing, curve of the switch courbe (f) du changement	 a	стрѣлочная кривая (f) curvatura (f) dello scambio curvatura (f) del cambio
4	Weichenhalbmesser (m), Krümmungshalbmesser (m) der Weiche radius of the switch curve rayon (m) du changement	r	радіусъ (m) стрѣлки *или* перевода raggio (m) di curvatura dello scambio radio (m) del cambio
5	Herzstückgerade (f) straight portion of crossing partie (f) droite du croisement	b	прямая вставка (f) передъ крестовиною tratto (m) diritto all' incrociamento recta (f) entre la curvatura del cambio y el corazón
6	die Weiche durchfahren (v) to run over *or* to take the switch *or* points passer (v) le changement *ou* franchir (v) l'aiguille		пройти (проходить) стрѣлку passare (v) sullo scambio atravesar (v) *ó* pasar (v) el cambio
7	die Weiche im geraden Strange befahren (v) to run over the points *or* the switch on the straight line franchir (v) l'aiguille sur la voie droite		проходить стрѣлку по прямому пути passare (v) lo scambio sul binario diritto *o* sulla linea diretta pasar (v) la aguja sobre la via recta
8	die Weiche im gekrümmten Strange *oder* auf Ablenkung befahren (v) to run over the points *or* the switch on the branch line franchir (v) l'aiguille sur la voie courbe		проходить стрѣлку по переводному *или* по боковому пути passare (v) lo scambio sul binario curvo pasar (v) la aguja sobre la via curva

die Weiche mit *oder* nach der Spitze befahren (v)
to pass the points *or* the switch (A) trailing
aborder (v) *ou* prendre (v) l'aiguille par le talon

проходить стрѣлку по шерсти
prendere (v) uno scambio di calcio
tomar (v) la aguja de punta

1

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stumpf *oder* nach der Spitze befahrene Weiche (f), Stumpfweiche (f)
trailing points, trailing point switch (A)
aiguille (f) prise par le talon

противушерстная стрѣлка (f); стрѣлка уложенная противъ шерсти
scambio (m) preso di calcio
aguja (f) tomada de punta

2

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die Weiche gegen die Spitze befahren (v)
to pass the points *or* the switch facing
aborder (v) *ou* prendre (v) l'aiguille en pointe

проходить стрѣлку противъ шерсти
prendere (v) lo scambio di punta
despegar (v) *ó* tomar (v) de talón una aguja

3

Spitzweiche (f), spitz befahrene Weiche (f)
facing points, facing point switch (A)
aiguille (f) prise en pointe

пошерстная стрѣлка (f); стрѣлка, уложенная по шерсти
scambio (m) preso di punta
aguja(f) cogida *ó* tomada de talón

4

Aufschneiden (n) der Weiche
forcing *or* bursting open the switch
forçage (m) de l'aiguille [par le talon]

взрѣзываніе (n) стрѣлки
apertura (f) forzata dello scambio
forzamiento (m) *ó* apertura (f) de la aguja

5

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die Weiche aufschneiden (v)
to force *or* to burst open the switch
ouvrir (v) de force l'aiguille (avec les boudins des roues)

взрѣзать стрѣлку
forzare (v) uno scambio colle ruote
forzar (v) la aguja con los rebordes de las ruedas; tomar (v) las agujas de talón y abrir (v) forzándolas

6

Aufschneidebewegung (f)
forcing *or* bursting open movement
mouvement (m) d'ouverture (par le talon)

перемѣщеніе (n) остряковъ при взрѣзаніи стрѣлки; взрѣзывающее движеніе (n)
movimento (m) di apertura forzata
movimiento (m) de forzamiento *ó* de apertura

7

Weichengleis (n)
switch track
voie (f) du changement *ou* de l'aiguillage

стрѣлочный путь (m)
binario (m) di scambio
via (f) de cambio *ó* de aguja

8

1	Weichenanordnung (f) arrangement *or* type of points *or* switch (A) disposition (f) du changement de voie	устройство (n) стрѣлокъ; разбивка (f) стрѣлокъ; типъ (m) стрѣлки disposizione (f) dello scambio, forma (f) dello scambio disposición (f) del cambio de vía
2	Weichenform (f) shape of points *or* switch (A) type (m) *ou* forme (f) de changements	типъ (m) стрѣлокъ forma (f) dello scambio tipo (m) ó forma (f) del cambio
3	einfache Weiche (f) simple points *or* switch (A) changement (m) *ou* branchement (m) simple *ou* à déviation d'un seul côté, aiguille (f) simple	простая стрѣлка (f) scambio (m) semplice *o* normale cambio (m) sencillo, aguja (f) sencilla
	Normalweiche (f), normale Weiche (f), Regelweiche (f) standard points *or* switch changement (m) normal	нормальная стрѣлка (f) scambio (m) normale cambio (m) normal
5	einfache Rechtsweiche (f) right-hand turnoff, simple right-hand points *or* switch (A) changement (m) *ou* branchement (m) simple [à déviation] à droite	простая правая стрѣлка (f) scambio (m) semplice a destra cambio (m) sencillo á la derecha
6	einfache Linksweiche (f) left-hand turnoff, simple left-hand points *or* switch (A) changement (m) *ou* branchement (m) simple [à déviation] à gauche	простая лѣвая стрѣлка (f) scambio (m) semplice a sinistra cambio (m) sencillo á la izquierda, aguja (f) sencilla á la izquierda
7	einfache Weiche (f) im gekrümmten Hauptgleise, Krümmungsweiche (f), Bogenweiche (f), Kurvenweiche (f) double-curve points *or* switch (A) changement (m) *ou* branchement (m) en courbe	стрѣлка (f) на закругленіи; круговая стрѣлка scambio (m) in curva cambio (m) curvo, aguja (f) en curva; cambio (m) de dos curvas

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gleichlaufende Krümmungsweiche (f), Konkavweiche (f), einseitige Zweibogenweiche (f)
double-curve points *or* switch (A) for lines curving in the same direction
changement (m) concave à courbures de même sens

вогнутая круговая стрѣлка (f) съ двумя закругленіями въ одну и ту же сторону
scambio (m) concavo *o* verso l'interno della curva
cambio (m) cóncavo en curva, aguja (f) cóncava en curva

1

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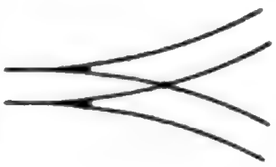
ungleichlaufende Krümmungsweiche (f), Konvexweiche (f), zweiseitige Zweibogenweiche (f)
double-curve points *or* switch (A) for lines curving in opposite directions
changement (m) convexe [à courbures de sens inverses]

выпуклая круговая стрѣлка (f) съ двумя закругленіями въ противоположныя стороны
scambio (m) convesso *o* verso l'esterno della curva
cambio (m) convexo en curva, aguja (f) convexa en curva



2

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zweiseitig symmetrische Bogenweiche (f)
symmetrical double-curve points *or* switch (A)
changement (m) de voie symétrique

симметричная [круговая] стрѣлка (f)
scambio (m) simmetrico in curva
cambio (m) simétrico en curva, aguja (f) simétrica en curva

3

Doppelweiche (f), Folgeweiche (f), dreigleisige Weiche (f)
right and left-hand turnoff, double switch *or* points, three-throw switch
changement (m) *ou* branchement (m) double, aiguille (f) double

двойная стрѣлка (f)
scambio (m) doppio
cambio (m) doble; aguja (f) doble; cambio (m) de tres vías

4

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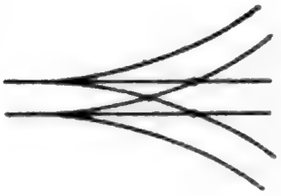
zweiseitige *oder* symmetrische Doppelweiche (f), dreischlägige Weiche (f)
symmetrical double switch *or* points, symmetrical three-throw switch
changement (m) *ou* branchement (m) double à voies symétriques

симметричная двойная стрѣлка (f)
scambio (m) triplo simmetrico
cambio (m) doble simétrico, aguja (f) doble simétrica



5

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zweiseitig verschränkte *oder* unsymmetrische Doppelweiche (f)
unsymmetrical double switch *or* points, unsymmetrical three-throw switch
changement (m) *ou* branchement (m) double à voies asymétriques

несимметричная двойная стрѣлка (f)
scambio (m) triplo asimmetrico
cambio (m) doble asimétrico, aguja (f) doble asimétrica

6

1 einseitig verschränkte Doppelweiche (f)
one-sided double switch, one-sided three-throw switch
changement (m) *ou* branchement (m) double du même côté de la voie principale

односторонняя двойная стрѣлка (f)
scambio (m) triplo unilaterale
cambio (m) doble unilateral; aguja (f) doble unilateral

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2 zweispurige Weiche (f), Doppelspurweiche (f)
mixed gauge points *or* switch (A)
changement (m) pour voies à double écartement

стрѣлка (f) на пути о двухъ колеяхъ
scambio (m) per binario a scartamento doppio
cambio (m) de dos vías *ó* aguja (f) para dos vías [de anchura diferente]

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3 Abzweigung (f) des Vollspurgleises
branching off *or* turn-out of the standard gauge line
déviation (f) de la voie normale

переводъ (m) нормальной колеи
deviazione (f) del binario a scartamento normale
desviación (f) de la vía normal

---

4 Abzweigung (f) des Schmalspurgleises
branching-off *or* turn-out of the narrow gauge line
déviation (f) de la voie étroite

переводъ (m) узкой колеи
deviazione (f) del binario a scartamento ridotto
desviación (f) de la vía estrecha

---

5 Weiche (f) für doppelspurige Bahn, herzstücklose Weiche (f)
switch without crossing, frogless switch (A)
changement (m) sans pointe de cœur *ou* croisement

переводъ (m) для двухколейныхъ дорогъ; переводъ безъ крестовины
scambio (m) senza cuore
cambio (m) sin corazón; aguja (f) sin corazón

---

6 Gleiskreuzung (f), Durchschneidung (f) der Gleise
crossing of lines
croisement (m) de voie

пересѣченіе (n) путей; перекрёстокъ (m)
incrocio (m) di binari
cruzamiento (m) de vías

---

7 die Gleise kreuzen *oder* schneiden sich
the lines cross
les voies se croisent *ou* se coupent

пути (m pl) пересѣкаются
i binari s'incrociano
las vías se cruzan *ó* se cortan

---

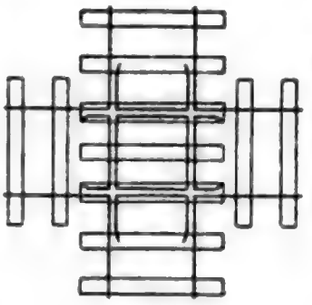
8 Kreuzungsstelle (f)
point of crossing
point (m) de croisement

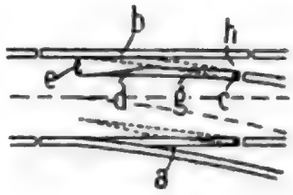
мѣсто (n) пересѣченія
punto (m) d'incrocio
punto (m) de cruzamiento

---

9 spitzwinklige Kreuzung (f), schiefe Kreuzung (f)
diamond crossing
croisement (m) oblique, croisement (m) à angle aigu

остроугольное пересѣченіе (n)
incrocio (m) ad angolo acuto
cruzamiento (m) oblicuo, cruzamiento (m) en ángulo agudo

Kreuzungswinkel (m) angle of crossing angle (m) de croisement	*a*	уголъ (m) пересѣченія путей angolo (m) d'incrociamento ángulo (m) de cruzamiento	1
Achse (f) der Gleiskreuzung centre line of the crossing axe (m) du croisement des voies	 a	ось (f) пересѣченія asse (m) dell'incrocio dei binari eje (m) del cruzamiento de la via	2
rechtwinklige Kreuzung (f) right-angle crossing, crossing at right angles croisement (m) rectangulaire, croisement (m) (m) à angle droit		прямоугольное пересѣченіе (n) путей incrocio (m) rettangolare cruzamiento (m) rectangular	3
Kreuzungsweiche (f), englische Weiche (f) slip points traversée-jonction (f), traversée (f) à aiguilles, appareil (m) anglais		стрѣлка (f) для пересѣкающихся путей; англійская стрѣлка deviatoio (m) inglese transversal (m) de unión	4
einfache Kreuzungsweiche (f), halbe englische Weiche (f) single slip points *or* switch (A) traversée-jonction (f) simple		простая англійская стрѣлка (f) deviatoio (m) inglese semplice transversal (m) de unión sencilla	5
doppelte *oder* beiderseitige Kreuzungsweiche (f), ganze englische Weiche (f) double slip points traversée-jonction (f) double *ou* appareil (m) anglais double		полная англійская стрѣлка (f) deviatoio (m) inglese doppio transversal (m) de unión doble	6
Weichenverschlingung (f) straight slip points entrelacement (m) d'aiguilles, traversée (f) des aiguilles		сплетеніе (n) стрѣлокъ incrocio (m) di scambi enlace (m) de agujas	7
Zungenweiche (f) point switch, split switch changement (m) de voie à aiguille		стрѣлка (f) съ остряками *или* съ перьями scambio (m) ad ago cambio (m) de vía con aguja	8

	2. Ablenkungsvorrichtung, Zungenvorrichtung		**Устройство стрѣлки**
1	**Deflecting Device**		**Apparecchio deviatore, deviatoio**
	Appareil de changement de voie *ou* de déviation		**Aparato de desviación, desviador**
2	Weichenzunge (f) switch blade, tongue aiguille (f) de changement de voie	 a	острякъ (m) *или* перо (n) стрѣлки ago (m) dello scambio aguja (f) de cambio de vía
3	Backenschiene (f), Anschlagschiene (f), Stockschiene (f), Mutterschiene (f), Stammschiene (f) stock-rail rail (m) d'applique, rail (m) contre-aiguille	b	рамный рельсъ (m) contrago (m) carril (m) de apoyo, carril (m) contra-aguja
4	Zungenwurzel (f), Wurzelende (n) der Zunge heel of blade *or* tongue talon (m) d'aiguille	c	корень (m) *или* пята (f) остряка; корневой конецъ (m) остряка calcio (m) *o* coda (f) *o* talone (m) dell'ago, estremità (f) del calcio talón (m) de la aguja, extremo (m) del talón
5	Zungenspitze (f) point of blade pointe (f) d'aiguille	d	остріе (n) пера; конецъ (m) остряка punta (f) dell'ago punta (f) de la aguja
6	Zungenaufschlag (m), Zungenausschlag (m) throw of the point course (f) de l'aiguille, intervalle (m) *ou* ouverture (f) à la pointe	e	величина (f) хода остряковъ apertura (f) dell'ago abertura (f) de la aguja
7	die Zungenspitzen schlagen auf the points open les [pointes d']aiguilles s'ouvrent		остріа (n pl) *или* перья (n pl) остряковъ открываются le punte degli aghi si aprono las puntas de las agujas se separan *ó* se abren
8	Zungenkern (m) full section of switch rail corps (m) de l'aiguille	g	тѣло (n) остряка corpo (m) dell'ago cuerpo (m) de la aguja
9	Zungenrille (f) flangeway clearance ornière (f) [de passage] des boudins [de roues]		жёлобъ (m) между острякомъ и рамнымъ рельсомъ [въ корнѣ] intervallo (m) tra ago e contrago rebajo (m) para el paso de los rebordes de las ruedas

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Zungenwurzelrille (f) flangeway clearance at heel of tongue ornière (f) à la racine de l'aiguille	h	жёлобъ (m) въ корнѣ *или* въ пятѣ остряка origine (f) della scanalatura dell'ago rebajo (m) en el talón de la aguja	1
Anlagefläche (f) der Weichenzunge, Zungenanschlag (m) face of rail against which the tongue lies portèe (f) d'application de l'aiguille	a	поверхность (f), прикасающаяся къ рамному рельсу superficie (f) di contatto dell'ago superficie (f) de aplicación de la aguja	2
Weichenzungenpaar (n) pair of switch blades *or* tongues paire (f) d'aiguilles de changement		пара (f) остряковъ coppia (f) d'aghi dello scambio par (m) de agujas del cambio	3
Aufschlagwinkel (m) angle through which the switch moves angle (m) d'ouverture	α	уголъ (m) хода остряковъ angolo (m) d'apertura ángulo (m) de abertura	4
gerade Zunge (f) straight tongue aiguille (f) droite		прямой острякъ (m) ago (m) diritto aguja (f) recta	5
Wurzelweite (f) width of flangeway clearance at heel of tongue largeur (f) au talon *ou* à la racine *ou* à la naissance	a	корневое разстояніе (n) larghezza (f) al calcio anchura (f) en el talón	6
Anfallwinkel (m), Ablenkungswinkel (m), Anschlagwinkel (m), Anschneidwinkel (m) angle of tongue with stock rail angle (m) de déviation	β	уголъ (m) удара angolo (m) di deviazione ángulo (m) de desviación	7
gekrümmte *oder* krumme Zunge (f) curved tongue *or* point aiguille (f) courbe		криволинейный *или* кривой острякъ (m) ago (m) curvo aguja (f) curva	8
Zungenhalbmesser (m) radius of curvature of point *or* tongue rayon (m) de courbure de l'aiguille	a	радіусъ (m) остряковъ raggio (m) di curvatura dell'ago radio (m) de curvatura de la aguja	9
Zungenwurzelwinkel (m) angle of divergence at heel of tongue *or* point angle (m) de déviation à la racine *ou* à la naissance	β	уголъ (m) корня *или* пяты остряка angolo (m) al calcio dell'ago ángulo (m) en el talón de la aguja	10

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1	geknickte Zunge (f) bent point *or* switch blade aiguille (f) coudée		перегнутый острякъ (m) ago (m) a gomito aguja (f) acodada
2	Berührung (f) der Backenschiene switch rail touching the stock rail contact (m) avec le rail d'applique		[криволинейный острякъ (m)], касательный къ рамному рельсу incontro (m) tangenziale col contrago contacto (m) con el carril de apoyo
3	Berührungspunkt (m) der Tangente spring of curve point (m) de contact de la tangente	a a	точка (f) касанія punto (m) di contatto della tangente punto (m) de contacto de la tangente
4	Überschneidung (f) der Backenschiene switch rail intersecting the stock rail entaillage (m) du rail d'applique		[острякъ (m), очерченный по дугѣ], пересѣкающей рамный рельсъ incontro (m) obliquo col contrago intersección (f) con el carril de apoyo
5	bewegliche Zunge (f) movable tongue *or* point aiguille (f) mobile		подвижной острякъ (m) ago (m) mobile aguja (f) móvil
6	Zungenschluß (m) closing of the tongue *or* point fermeture (f) de l'd'aiguille	b a	прилеганіе (n) остряка chiusura (f) dell'ago cierre (m) de la aguja
7	anliegende Zunge (f) closed point *or* tongue aiguille (f) fermée	a	прилегающій острякъ (m) ago (m) chiuso aguja (f) cerrada
8	abliegende Zunge (f) open point *or* tongue aiguille (f) ouverte	b	отстающій острякъ (m) ago (m) aperto aguja (f) abierta
9	Radseite (f) running side, running edge côté (m) de la roue	a b b a	внутренняя грань (f) lato (m) della ruota lado (m) de rueda
10	Anschlagseite (f) side touching stock rail côté (m) du rail d'applique *ou* contre-aiguille	b	грань (f), прилегающая къ рамному рельсу lato (m) di contatto lado (m) de aplicación ó de contacto
11	Federn (n) der Zunge springing of the tongue flexion (f) élastique de l'aiguille		упругія деформаціи (f pl) остряка flessione (f) elastica dell'ago flexión (f) elástica de la aguja

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die Zunge federt [auf]
the tongue springs [open]
l'aiguille s'ouvre par flexion

конецъ (m) остряка отходитъ при упругой деформаціи
l'ago s'apre per flessione elastica *1*
la aguja se abre por [efecto de su] flexión

---

die Weichenzunge klafft
the tongue is not home
l'aiguille baille

острякъ (m) образуетъ зазоръ; острякъ не доходитъ
l'ago dello scambio resta aperto *o* non combacia *2*
la aguja está hendida

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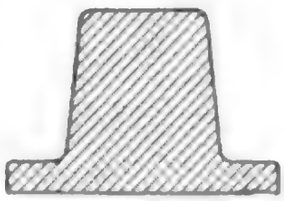
glockenförmiger *oder* hutförmiger Zungenquerschnitt (m), Klotzprofil (n)
filled tongue rail
profil (m) d'aiguille en U renversé



шляпообразное поперечное сѣченіе (n) остряка
sezione (f) d'ago ad U rovesciato *3*
perfil (m) de la aguja en U invertida

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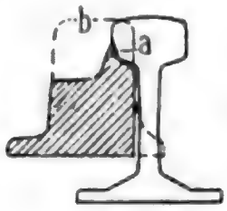
unterschlagende Zunge (f)
tongue housed under the stock-rail
aiguille (f) s'appliquant sous le champignon du rail fixe



острякъ (m) съ подведённымъ подъ головку рамнаго рельса концомъ
ago (m) nascosto sotto al fungo *4*
aguja (f) que se aplica debajo de la cabeza del carril fija

Unterhobelung (f) der Backenschiene
undercutting of the stock rail
rabotage (m) *ou* entaillage (m) du rail d'applique

a

обстругиваніе (n) рамнаго рельса снизу
sotto-piallatura (f) del contrago *5*
acepilladura (f) del carril de apoyo

---

die Backenschiene unterhobeln (v)
to undercut the stock rail
raboter (v) *ou* entailler (v) le rail d'applique

обстругать рамный рельсъ снизу
sotto-piallare (v) il contrago *6*
acepillar (v) el carril de apoyo

---

voller Zungenquerschnitt (m)
full cross-section of the tongue
section (f) totale de l'aiguille

b

полное поперечное сѣченіе (n) остряка
sezione (f) piena dell'ago *7*
sección (f) total de la aguja

---

einschlagende Zunge (f)
switch-tongue cutting into the stock-rail
aiguille (f) s'appliquant dans le rail

входящій острякъ (m)
ago (m) intersecante il contrago *8*
aguja (f) que entra en el carril de apoyo

Ausklinkung (f) der Backenschiene
recessing *or* notching the stock rail
entaille (m) du rail d'applique

врубка (f) въ рамномъ рельсѣ
intaglio (m) nel contrago *9*
entalladura (f) del carril de apoyo

ausgeklinkte Backenschiene (f) 1 notched stock rail rail (m) d'applique entaillé		рамный рельсъ (m) со врубкою contrago (m) intagliato carril (m) de apojo entallado
gekröpfte Backenschiene (f) 2 cranked stock rail rail (m) d'applique contrecoudé	a b a	колѣнчатый рамный рельсъ (m) controrotaia (f) ripiegata carril (m) de apoyo acodado
in der Kröpfung der Backenschiene anliegende Zunge (f) 3 tongue housed in stock rail pointe (f) d'aiguille logée dans le coude du rail d'applique	b	острякъ (m), прилегающій къ колѣну рамнаго рельса l'ago (m) giacente nella ripiegatura del contrago aguja (f) alojada en el hueco del carril de apoyo
die Weichenzungen abhobeln (v) 4 to plane down the switch tongues raboter (v) les aiguilles		обстругать остряки piallare (v) gli aghi a linguetta cortar (v) las agujas en bisel
die Zunge auswechseln (v) 5 to exchange *or* renew the tongue remplacer (v) l'aiguille		смѣнить острякъ ricambiare (v) l'ago cambiar (v) la aguja
Grundplatte (f), Tragplatte (f), Weichenplatte (f) 6 bed-plate, switch-plate plaque (f) d'assise d'aiguille	b a a	стрѣлочная подушка (f) piastrone (m) placa (f) de asiento de la aguja
Gleitstuhl (m), Gleitplatte (f), Zungenplatte (f) 7 slide chair, slide plate coussinet (m) *ou* plaque (f) de glissement	b	подушка (f) скольженія cuscinetto (m) di scorrimento cojinete (m) de corredera
Plattenweiche (f) 8 switch with sliding plates changement (m) à plaque d'assise		стрѣлка (f) съ продольной подкладкой scambio (m) a piastrone cambio (m) con placa de asiento
Zungendrehpunkt (m) 9 pivot of the tongue centre (m) de rotation d'aiguille	a a	центръ (m) вращенія остряка centro (m) di rotazione dell'ago centro (m) de rotación de la aguja

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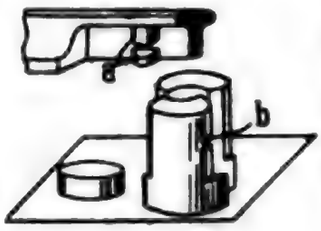
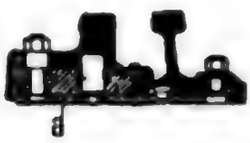
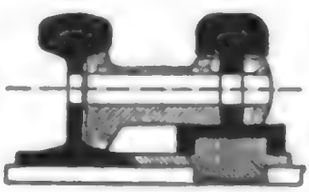
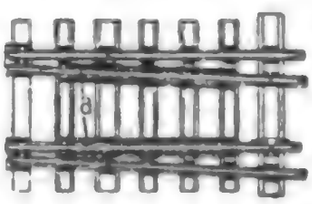
Wurzelbefestigung (f) durch Laschenverbindung attachment of the heel by means of fish-plates attache (f) du talon par éclissage		укрѣпленіе (n) остряка въ корнѣ помощью накладокъ collegamento (m) del calcio con stecche fijación (f) ó sujeción (f) del talón por medio de bridas	1
Zungendrehstuhl (m), Wurzelstuhl (m), Drehlager (n) heel chair *or* pivot coussinet (m) de talon		подушка (f) въ корнѣ остряка cuscinetto (m) di rotazione dell'ago cojinete (m) para el talón	2
Wurzelzapfen (m) heel-pivot tourillon (m) de talon	a	цапфа (f) корня perno (m) del calcio dell'ago gorrón (m) del talón, eje (m) de giro del talón	3
Nut (f) für den Verschlußkeil slot for wedge encoche (f) pour la clavette	b	желобокъ (m) для клина scanalatura (f) del cuneo di chiusura ranura (f) para la chaveta	4
selbständiger Wurzelzapfen (m) independent heel-pivot tourillon (m) du talon indépendant	 a	независимая отъ корня цапфа (f) perno (m) indipendente del calcio eje (m) de giro independiente del talón	5
Zapfenverbindung (f) mit Verlaschung attachment of the heel by means of pivot and fish-plate articulation (f) à tourillon avec éclissage		скрѣпленіе (n) накладками и фасонною прокладкою articolazione (f) a perno con steccatura articulación (f) de pasador con bridas	6
Federweiche (f) switch with spring tongues *or* points, spring tongue switch changement (m) de voie à aiguilles flexibles		стрѣлка (f) съ пружинящими остряками scambio (m) ad aghi elastici cambio (m) de vía por agujas elásticas	7
federnde Zunge (f) spring tongue *or* point aiguille (f) flexible	a	пружинящій острякъ (m) ago (m) elastico aguja (f) elástica	8
Federung (f) mit Gummiklötzen spring action due to rubber blocks flexion (f) au moyen de blocs de caoutchouc		усиленіе (n) упругости остряковъ помощью резиновыхъ прокладокъ flessione (f) elastica ottenuta con cuscinetti di gomma flexión (f) elástica [obtenida] por medio de macizos de caucho	9

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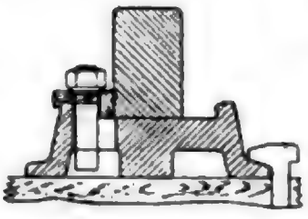
1 Federkasten (m)
spring box
boîte (f) à ressort

пружинящая коробка (f)
cassetta (f) *o* custodia (f) del cuscinetto
caja (f) de resorte

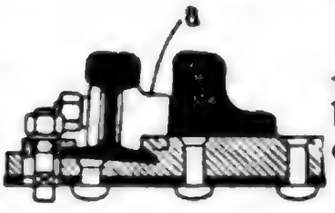
2 Zungenplatte (f) mit erhöhten Rändern
tongue bed with raised edges
coussinet (m) de glissement à rebords

подушка(f) скольженія съ ребордами
cuscinetto (m) di scorrimento ad orli rialzati
cojinete (m) de corredera con reborde



3 Stützbolzen (m), Zungenstütze (f)
bearing stud
boulon (m) de butée, butée (f) de l'aiguille

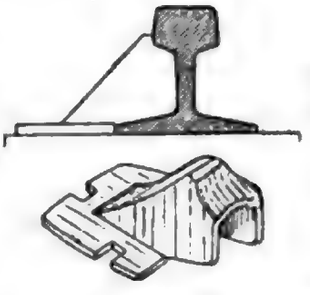
упорный болтъ (m)
bullone (m) di sostegno
cepo (m)



a

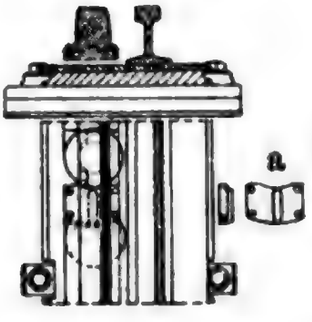
4 Stützknagge (f)
thrust block, rail brace (A)
contre-fiche (f) d'appui *ou* de butée

упорная подушка (f)
controfisso (m) d'appoggio
brida (f) de apoyo *ó* de detención



5 Stemmkloben (m)
stop block
blochet (m) d'arrêt *ou* d'appui

упорная скоба (f)
blocco (m) d'appoggio
tope (m) de parada



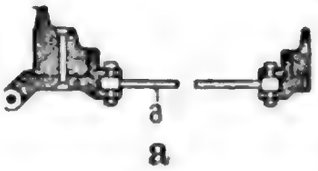
a

6 Zungenkupplung (f)
force rod, coupling of the tongues *or* switch blades
accouplement (m) d'aiguille

стрѣлочныя связи (f pl)
accoppiamento (m) dell'ago
acoplamiento (m) de la aguja

7 Zungenverbindungsstange (f)
stretcher rod
tringle (f) de connexion

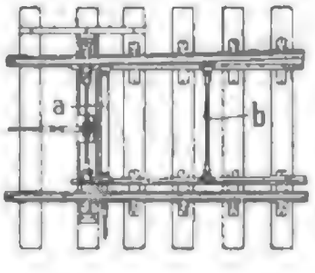
стрѣлочная тяга (f); тяжъ (m), соединяющій остряки
asta (f) di unione degli aghi
varilla (f) de conexión



a

8 vordere Zungenverbindungsstange (f)
front connecting rod
tringle (f) de connexion à la pointe

передняя стрѣлочная тяга (f); передній стрѣлочный тяжъ (m)
asta (f) di collegamento anteriore
varilla (f) de conexión en la punta



a

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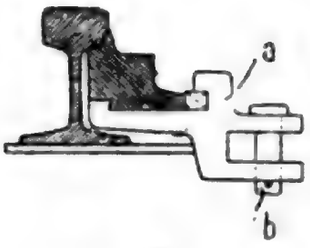
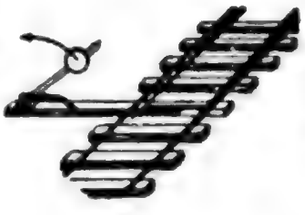
hintere Zungenverbindungsstange (f) back connecting rod tringle (f) de connexion au talon	b	задняя стрѣлочная тяга (f); задній стрѣлочный тяжъ (m) asta (f) di collegamento posteriore varilla (f) de conexión en el talón	1
Zungenkloben (m) tongue attachment patte (f) d'attache d'aiguille	 a	щека (f) остряка pezzo (m) d'attacco dell'ago pata (f) de unión de la aguja	2
Zungenklobenbolzen (m) joint pin boulon (m) de la patte d'attache de l'aiguille	b	болтъ (m) щеки остряка bullone (m) del pezzo d'attacco dell'ago pasador (m) de la pata de unión de la aguja	3
3. Weichenstellvorrichtung **Switch-operating Mechanism** **Appareil de manœuvre d'aiguille**		**Переводный механизмъ** **Apparecchio di manovra, dello scambio** **Mecanismo de maniobra de la aguja**	4
Weichenstellung (f) (= Stellen (n) der Weiche) throwing the points manœuvre (f) des aiguilles, aiguillage (m)		переводъ (m) стрѣлки manovra (f) dello scambio maniobra (f) de las gujas	5
die Weiche umstellen (v) to throw over the points changer (v) l'aiguille de position, tourner (v) l'excentrique (Belgique)		перевести стрѣлку invertire (v) lo scambio invertir (v) la aguja	6
Umstellung (f) der Weiche throwing-over the points changement (m) de position de l'aiguille		переводъ (m) стрѣлки inversione (f) dello scambio inversión (f) de la aguja	7
Umstellung (f) der Weiche unter dem Zuge throwing-over the points while a train is passing over them manœuvre (f) des aiguilles pendant le passage du train		переводъ (m) стрѣлки во время прохода поѣзда inversione (f) dello scambio sotto il treno maniobra (f) de las agujas durante el paso de los trenes	8

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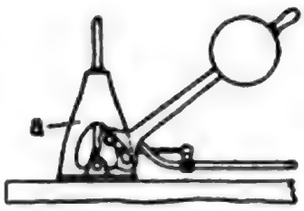
1 Weichenbock (m)
switch box, lever box, switch stand (A)
bâti (m) du mouvement, [chevalet (m) de l'] appareil (m) de manœuvre

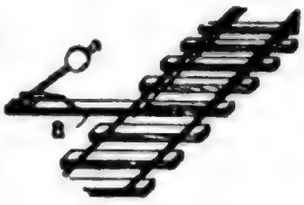


a

переводный станокъ (m); станина (f) переводнаго механизма
cavalletto (m) dello scambio
caja (f) de maniobra

---

2 Weichen[zug]stange (f), Stellstange (f)
switch *or* point rod, throw rod
tringle (f) *ou* tige (f) de manœuvre



a

переводный тяжъ (m); переводная штанга (f) *или* тяга (f)
tirante(m) dello scambio
tirante (m) de aguja

---

3 Weichenbedienung (f)
switch attendance
service (m) de l'appareil de manœuvre *ou* manœuvre (f) de l'aiguillage

обслуживаніе (n) стрѣлокъ
servizio (m) dello scambio
servicio (m) del cambio de vía

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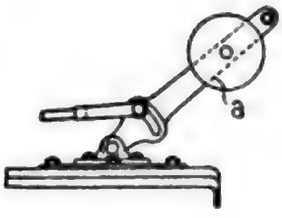
4 Stellvorrichtung (f) mit überschlagendem Gegengewicht
switch lever with counter-weight
appareil (m) de manœuvre à contrepoids basculant



переводный механизмъ (m) съ противовѣсомъ
apparecchio (m) di manovra [dello scambio] a contrappeso fisso
palanca (f) de maniobra con contrapeso volcable

---

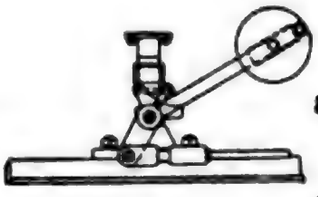
5 Umleghebel (m), Stellhebel (m)
point *or* switch lever
levier (m) de manœuvre

a

переводный рычагъ (m)
leva (f) di manovra
palanca (f) de maniobra

---

6 Stellvorrichtung (f) mit rückschlagendem Gegengewicht
switch lever with reversing counter-weight
appareil (m) de manœuvre d'aiguille avec contrepoids retombant



переводный механизмъ (m) съ противовѣсомъ, заставляющимъ острякъ возвращаться въ первоначальное положеніе
apparecchio (m) di manovra dello scambio a contrappeso mobile
aparato (m) de maniobra con contrapeso de retroceso

---

7 Stellvorrichtung (f) mit wagerecht bewegtem Gegengewicht
switch lever with horizontally moving counter-weight
appareil (m) de manœuvre avec contrepoids à mouvement horizontal

переводный механизмъ (m) съ противовѣсомъ, вращающимся въ горизонтальной плоскости
apparecchio (m) di manovra con contrappeso a movimento orizzontale
aparato (m) de maniobra con contrapeso de movimiento horizontal

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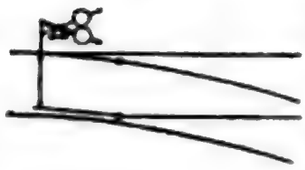
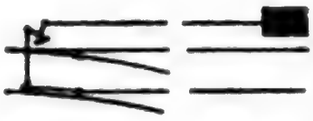
Ortweiche (f)
non-interlocked switch, outlying switch
aiguillage (m) indépendant *ou* non enclenché



стрѣлка (f), управляемая на мѣстѣ особымъ переводнымъ станкомъ
scambio (m) locale
aguja (f) independiente

1

Stellwerkweiche (f)
interlocked switch, switch worked from signal box
aiguillage (m) enclenché



стрѣлка (f), управляемая изъ семафорной будки
comando (m) centrale dello scambio
aguja (f) combinada

2

Weichenstellung (f) (= Lage (f) der Weiche)
position of points *or* switch (A)
position (f) de l'aiguillage

положеніе (n) стрѣлки
comando (m) degli scambi
posición (f) de la aguja

3

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falsche Weichenstellung (f)
wrong position of points
fausse (adj) position *ou* manœuvre d'aiguille, faux (adj) aiguillage

неправильное положеніе (n) стрѣлки; ошибочный переводъ (m) стрѣлки
scambio (m) falso, posizione (f) falsa dello scambio
posición (f) falsa de la aguja

4

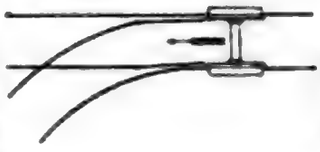
Halbstellung (f) *oder* Gabelstellung (f) der Weiche
half-open position of the switch
entrebâillement (m) de l'aiguille

неполный переводъ (m) стрѣлки
scambio (m) semiaperto
posición (f) intermedia de la aguja

5

---

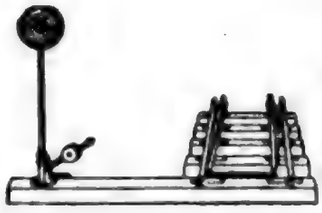
doppelspuriges Einfahren (n), Gabelfahrt (f)
splitting *or* straddling the points
bivoie (m) *ou* roues (f pl) engagées sur les deux voies, prise (f) d'une aiguille en bivoie *ou* faux (adj) abordage



заходъ (m) бандажныхъ ребордъ въ зазоръ недоведённой стрѣлки
prendere (v) uno scambio in bivio
paso (m) por una aguja despegada del carril

6

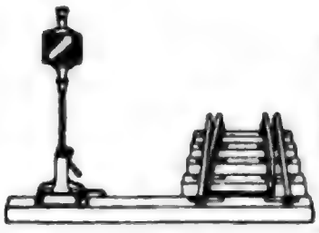
Weichensignal (n), Weichenstandzeiger (m)
point indicator, ground signal
signal (m) d'aiguille, indicateur (m) de direction



стрѣлочный сигналъ (m)
segnale (m) allo scambio
señal (m) de agujas

7

Weichenlaterne (f)
signal point indicator *or* ground lamp
lanterne (f) d'aiguille, lanterne (f) de changement de voie



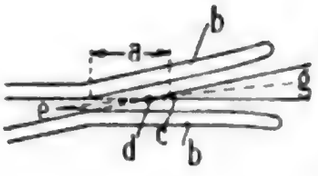
стрѣлочный фонарь (m)
fanaletto (m) di scambio
linterna (f) ó farol (m) para cambio de vía

8

Weichenwärter (m), Wechselwärter (m)
pointsman
aiguilleur (m)

стрѣлочникъ (m)
deviatore (m), guardiablocco (m)
guarda-agujas (m)

9

	4. Herzstücke und Zwangschienen		**Крестовины и контръ-рельсы**
1	**Crossing Pieces and Guard Rails**		**Punte del cuore di scambio e controrotaie**
	Pointes de cœur de croisement et contre-rails		**Corazones y contracarriles**
2	Herzstück (n) crossing, frog (A) cœur (m)		крестовина (f) cuore (m) *o* incrociamento (m) dello scambio corazón (m)
3	Herzstücklücke (f) gap in the crossing *or* frog (A) intervalle (m) de cœur, ornière (f) du croisement	a	перерывъ (m) въ рельсѣ lacuna (f) del cuore abertura (f) del corazón, espacio (m) entre la punta del corazón y las patas de liebre
4	Flügelschiene (f), Hornschiene (f), Knieschiene (f) wing rail [rail (m) en] patte (f) de lièvre, rail (m) coudé, contre-rail (m)	b	усъ (m) *или* усовикъ (m) крестовины; заячья лапа (f) guancia (f), rotaia (f) d'ala, zampa (f) di lepre [carril (m) en forma de] pata (f) de liebre; carril (m) acodado; contracarril
5	Herzstückspitze (f) point *or* nose of the crossing pointe (f) de cœur	c	острie (n) *или* ножъ (m) крестовины; [сердечникъ (m) крестовины] punta (f) materiale del cuore punta (f) del corazón
6	mathematische Herzstückspitze (f) intersection point of the crossing pointe (f) théorique du croisement	d	математическое острiё (n) крестовины; математическiй острякъ (m) *или* ножъ (m) крестовины punta (f) matematica del cuore punta (f) matemática del corazón
7	Knie (n) der Flügelschiene knuckle of the wing rail coude (m) de la patte de lièvre	e	колѣно (n) усовика крестовины piegatura (f) della guancia codo (m) de la pata de liebre
8	Herzstückmittellinie (f) centre line of the crossing *or* frog (A) ligne (f) centrale du croisement	g	ось (f) сердечника крестовины mezzaria (f) del cuore linea (f) media del corazón

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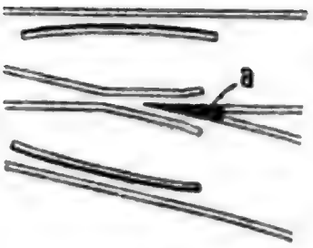
Herzstückkeil (m)
Vee piece of crossing *or* frog
extrémité (f) de la pointe de cœur

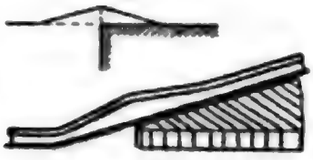


острякъ (m) крестовины
cuneo (m) del cuore
extremidad (f) de la punta del corazón

1

a

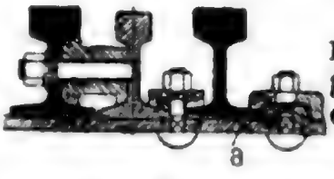
Erhöhung (f) *oder* Hebung (f) der Flügelschiene
rise of the wing-rail
surhaussement (m) de la patte de lièvre, relevage (m) de la patte de lièvre *ou* contre-rail



возвышеніе (n) усовика крестовины; подъёмъ (m) колѣннаго рельса
sopraelevamento (m) della guancia
peralte (m) de la pata de liebre ó contracarril

2

Unterlegstreifen (m)
sole plate, bearing strip
plaque (f) de surhaussement



прокладка (f)
grossezza (f) sottoposta
chapa (f) ó banda (f) para el peralte

3

a

Neigung (f) *oder* Senkung (f) der Herzstückspitze
chamferring down of the nose of the crossing
inclinaison (f) de la pointe de cœur, abaissement (m) de la pointe de cœur [de croisement]

опусканіе (n) *или* пониженіе (n) острія крестовины
inclinazione (f) della punta del cuore
inclinación (f) de la punta del corazón, depresión (f) de la punta del corazón

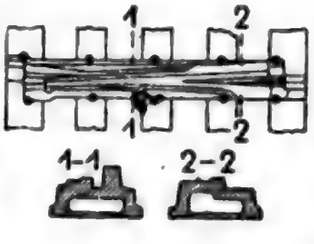
4

Hebung (f) der Flügelschiene mit gleichzeitiger Senkung der Herzstückspitze
raising of the wing-rail with simultaneous cutting down the nose of crossing
surhaussement (m) de la patte de lièvre avec abaissement (m) simultané de la pointe de cœur [de croisement]

подъёмъ (m) усовика при одновременномъ пониженіи острія крестовины
rialzo (m) della guancia e contemporaneo abbassamento della punta del cuore
peralte (m) de la pata de liebre con depresión simultánea de la punta del corazón

5

Herzstück (n) mit Spurkranzauflauf
crossing with ramp for wheel flange
cœur (m) avec platebande



крестовина (f) съ приподнятымъ жёлобомъ для колёсныхъ ребордъ
cuore (m) con piano inclinato
corazón (m) con platabanda

6

Blockherzstück (n)
solid crossing
croisement (m) *ou* cœur (m) d'une seule pièce

брусчатая крестовина (f)
cuore (m) massiccio
corazón (m) de un solo bloque

7

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1	Gußherzstück (n) cast crossing cœur (m) [de croisement] en fonte		литая крестовина (f) cuore (m) fuso corazón de hierro fundido
2	Herzstück (n) aus Flußstahl cast steel crossing cœur (m) [de croisement] en acier fondu		крестовина (f) изъ литой стали cuore (m) in acciaio fuso corazón (m) de acero fundido
3	umwendbares Blockherzstück (n) reversible solid crossing cœur (m) [de croisement] d'une seule pièce à retournement		переворачиваемая (двусторонняя) брусчатая крестовина (f) cuore (m) massiccio capovolgibile corazón (m) reversible de un solo bloque
4	nicht umwendbares Blockherzstück (n) non-reversible solid crossing croisement (m) *ou* cœur (m) d'une seule pièce qui ne peut être retourné		непереворачиваемая (односторонняя) брусчатая крестовина (f) cuore (m) massiccio non capovolgibile corazón (m) irreversible de un solo bloque
5	Paßschiene (f), Anschlußschiene (f) junction rail raccord (m) de rail, rail-raccord (m)	a	иголка (f); подвижной [соединительный] рельсъ (m) pezzo (m) di rotaia di raccordo carril (m) de unión
6	geschmiedetes Herzstück (n) built-up crossing croisement (m) *ou* cœur (m) en fer forgé		кованная крестовина (f) cuore (m) fucinato corazón (m) de hierro forjado
7	Schienenherzstück (n) built-up crossing with base plate croisement (m) *ou* cœur (m) en rails assemblés		рельсовая крестовина (f) cuore (m) composto di rotaie cruzamiento (m) ó corazón (m) ensamblado, corazón (m) de carriles ensamblados
8	Schienenherzstück (n) mit geschmiedeter Spitze built-up crossing with forged point croisement (m) *ou* cœur (m) en rails assemblés avec pointe en fer forgé		рельсовая крестовина (f) съ кованнымъ острякомъ cuore (m) fatto con rotaie a punta fucinata corazón (m) de carriles reunidos con punta de hierro forjado
9	Spitzenschiene (f) point rail rail (m) en pointe	a	рельсъ (m), образующій острїё крестовины rotaia (f) a punta carril (m) en punta

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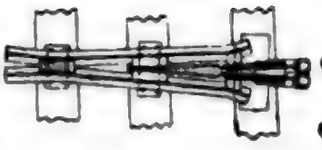
b

Futterstück (n)
filling piece, filler
cale (f) *ou* pièce (f) de remplissage de croisement

прокладка (f) крестовины
pezzo (m) di rinforgo
pieza (f) adicional

1

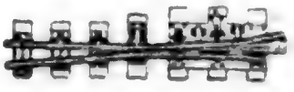
Schienenherzstück (n) mit Flußstahlspitze
built-up crossing with point of cast steel
croisement (m) *ou* cœur (m) assemblé avec pointe en acier fondu



рельсовая крестовина (f) съ острякомъ изъ литой стали
cuore (m) di rotaie con punta in acciaio fuso
corazón (m) ensamblado con punta de acero fundido

2

Herzstück (n) mit beweglicher Flügelschiene
crossing with movable wing rail, spring rail frog (A)
croisement (m) à patte de lièvre mobile



крестовина (f) съ подвижнымъ (упругимъ) усовикомъ
cuore (m) a guancia mobile
corazón (m) con pata de liebre móvil

3

federnde Flügelschiene (f)
spring wing-rail
patte (f) de lièvre *ou* contre-rail (m) à ressort

пружинящій усовикъ (m)
guancia (f) elastica
pata (f) de liebre ó contracarril (m) de resorte

4

Herzstück (n) mit beweglicher Spitze
crossing *or* frog (A) with movable point
croisement (m) *ou* cœur (m) à pointe mobile

крестовина (f) съ подвижнымъ острякомъ
cuore (m) a punta mobile
corazón (m) con punta móvil

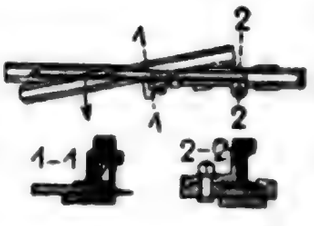
5

Herzstück (n) ohne Unterbrechung des Hauptgleises
crossing *or* frog (A) without gap in the main line
croisement (m) *ou* cœur (m) sans interruption de la voie principale

крестовина (f) безъ перерыва главнаго пути
cuore (m) senza interruzione del binario principale
corazón (m) sin interrupción de la vía principal

6

Drehschienenherzstück (n)
swing rail frog
croisement (m) avec bout de rail mobile



крестовина (f) съ качающимся рельсомъ
cuore (m) con rotaie capovolgibile
corazón (m) con punta de carril móvil

7

Drehschiene (f)
swing rail
bout (m) de rail mobile

качающійся рельсъ (m)
rotaia (f) capovolgibile
punta (f) de carril móvil

8

elastische Zwischenplatte (f)
elastic intermediate plate
platine (f) intermédiaire élastique

упругая прокладка (f)
piastrina (f) elastica interposta
placa (f) intermedia elástica

9

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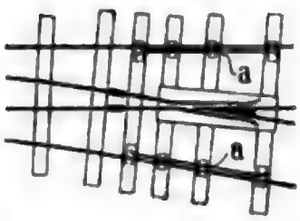
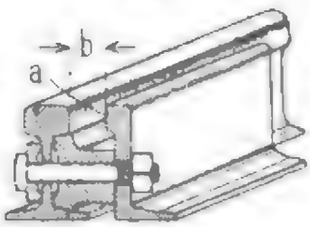
1 Radlenker (m), Zwangschiene (f), Leitschiene (f)
guide rail, check rail, guard rail
contre-rail (m), joue (f) du croisement



a

направляющій рельсъ (m); контръ-рельсъ (m)
contro rotaia (f), rotaia (f) di guida
contracarril (m), carril (m) de guía

2 Leitkante (f), Führungskante (f)
guiding edge
rebord-guide (m)



a

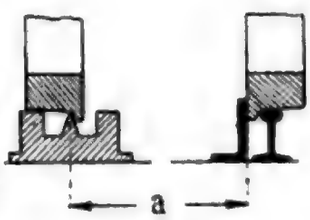
направляющая грань (f)
orlo (m) di guida
borde (m) [de] guía

3 Zwangrinne (f), Zwangrille (f)
guide-groove
ornière-guide (f)

b

направляющій желобокъ (m)
scanalatura (f) o gola (f) di guida
carrilada (f) de guía

4 Herzstückleitweite (f)
width between check rail face and running edge of crossing
largeur (f) de guidage du cœur *ou* croisement



a

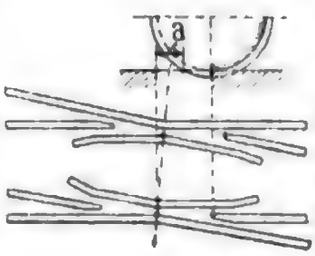
ширина (f) между направляющими гранями крестовины
lunghezza (f) di guida del cuore
anchura (f) de la guía del corazón

5 Kreuzungsstück (n), Doppelherzstück (n)
diamand crossing, double frog (A)
croisement (m) *ou* cœur (m) double, pièce (f) de croisement

a

двойная крестовина (f)
pezzo (m) d'incrocio
corazón (m) doble; pieza (f) de cruzamiento

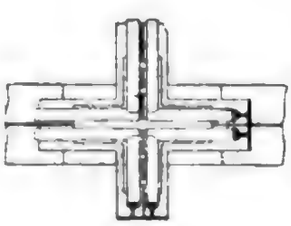
6 führungslose Stelle (f)
gap in track
lacune (f), intervalle (m) non guidé



a

мѣсто (n) перерыва направляющей грани
canale (m) dell'incrocio
lugar (m) sin guía

7 rechtwinkliges Kreuzungsstück (n)
rectangular crossing piece
pièce (f) de croisement rectangulaire, pièce (f) de traversée rectangulaire



прямоугольная крестовина (f)
pezzo (m) d'incrocio rettangolare
pieza (f) de cruzamiento en ángulo recto

8 Flußstahlkreuzungsstück (n)
cast steel crossing
pièce (f) de croisement en acier fondu

двойная крестовина (f) изъ литой стали
pezzo (m) d'incrocio in acciaio fuso
pieza (f) de cruzamiento de acero fundido

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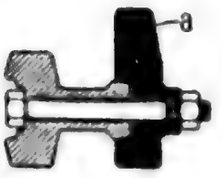
umwendbares Kreuzungsstück (n)
reversible crossing piece
pièce (f) de croisement à retournement



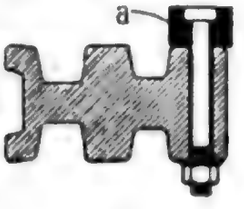
перестанавливаемая двусторонняя крестовина (f)
pezzo (m) da incrocio capovolgibile
pieza (f) de cruzamiento reversible 1

überhöhter Radlenker (m)
super-elevated wheel guide
contre-rail (m) surhaussé

a

повышенный контрьрельсъ (m)
contro-rotaia (f) sopraelevata
contra-carril (m) de resalte ó peraltado 2

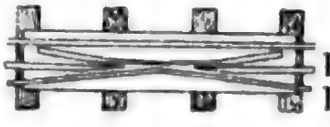
Kreuzungssattel (m)
crossing saddle
selle (f) de croisement



a

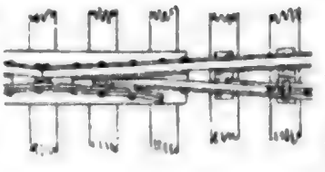
сѣдлообразный сердечникъ (m) крестовины
sella (f) dell'incrocio
silleta (f) de cruzamiento 3

Schienenkreuzungsstück (n)
angle crossing on solid base
pièce (f) de croisement



крестовина (f) для пересѣкающихся рельсовъ: двойная крестовина
pezzo (m) d'incrocio
pieza (f) de cruzamiento ensamblada; pieza (f) de cruce de carriles ensamblados 4

Schienenkreuzungsstück (n) mit geschmiedeter Spitze
built-up crossing piece with forged point
pièce (f) de croisement à pointe forgée



двойная крестовина (f) съ кованнымъ острякомъ
pezzo (m) d'incrocio a punta fucinata
pieza (f) de cruzamiento de punta forjada 5

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bewegliches Kreuzungsstück (n), Kreuzungsstück (n) mit beweglichen Spitzen
crossing with movable points
[pièce (f) de] croisement (m) à pointes mobiles

двойная крестовина (f) съ подвижными остряками
pezzo (m) d'incrocio a punte mobili
pieza (f) de cruzamiento de puntas móviles 6

Gefahrpunkt (m) für zusammenlaufende Schienenstränge
fouling point
point (m) dangereux d'un croisement de voies

опасный пунктъ (m) для сходящихся путей
punto (m) pericoloso
punto (m) peligroso de un cruzamiento de vias 7

Merkzeichen (n), Sperrzeichen (n), Grenzzeichen (n)
warning signal, localiser
piquet (m) d'arrêt *ou* signal (m) de distance

указательный столбикъ (m)
picchetto (m) limite, segnale del limite
piquete (m) de parada ó de distancia 8

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Distanzpfahl (m), Polizeipfahl (m), Merkpfahl (m), Polizeiholz (n)
1 distance post
piquet (m) *ou* poteau (m) *ou* signal (m) de distance

предѣльный столбикъ (m); столбикъ, для обозначенія предѣла стоянія подвижного состава
picchetto (m) di distanza, traversa (f) limite
piquete (m) de distancia

Weichenrost (m), Schwellenlage (f)
2 switch and crossing sleepers *or* ties (A)
châssis (m) d'aiguille

комплектъ (m) переводныхъ брусьевъ; переводные брусья (m pl)
griglia (f) dello scambio
emparrillado (m) de aguja

---

zum geraden Gleis senkrechte Schwellenlage (f)
arrangement of sleepers
3 at right angles to the straight track
position (f) perpendiculaire des traverses par rapport à la voie droite

расположеніе (n) переводныхъ брусьевъ перпендикулярно къ прямому пути
traversine (f pl) perpendicolari rispetto al binario diritto
posición (f) perpendicular de las traviesas por relación á la via recta

---

Weichenschwelle (f)
switch sleeper *or* tie (A)
4 traverse (f) de changement, traverse (f) d'aiguille

a

переводный брусъ (m)
traversina (f) allo scambio
traviesa (f) de cambio de vía *ó* de aguja

---

zur Herzstückmittellinie senkrechte Schwellenlage (f)
arrangement of the sleepers at right angles to
5 the centre line of the crossing
position (f) perpendiculaire des traverses par rapport à la ligne médiane du cœur

расположеніе (n) переводныхъ брусьевъ перпендикулярно къ оси крестовины
traversine (f pl) perpendicolari rispetto alla mezzaria del cuore
posición (f) perpendicular de las traviesas por relación á la linea media del corazón

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5. Besondere Arten von Weichen und Kreuzungen
6 **Special Switches and Crossings**
Formes diverses de changements et de croisements

Стрѣлки и крестовины особой конструкціи
Diversi tipi di scambi e di incroci
Formas especiales de cambios de vía y de cruzamientos

Straßenbahnweiche (f), Tramweiche (f)
7 street railway *or* tramway switch
changement (m) de voie de tramway

стрѣлка (f) городскихъ желѣзныхъ дорогъ
scambio (m) da tramvia
cambio (m) de vía para tranvía

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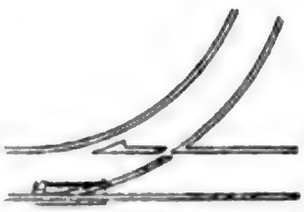
Weiche (f) mit zwei festen Zungen, feste Weiche (f)
dumb switch
changement (m) à deux aiguilles fixes

стрѣлка (f) съ двумя неподвижными остряками
scambio (m) a due aghi fissi
cambio (m) con dos agujas fijas

1

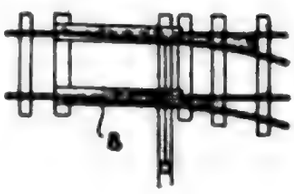
Weiche (f) mit einer festen und einer beweglichen Zunge
switch with one dumb and one movable tongue
changement (m) à une aiguille fixe et à une aiguille mobile



стрѣлка (f) съ однимъ неподвижнымъ и однимъ подвижнымъ острякомъ
scambio (m) ad un ago mobile ed un ago fisso
cambio (m) con una aguja fija y otra móvil

2

Schleppweiche (f)
contractors' points
changement (m) [de voie] à sauterelle *ou* à rails mobiles



стрѣлка (f) съ вращающимися переводными рельсами
scambio (m) a bilanciere
cambio (m) [de vía] con carriles móviles

3

Schubschiene (f)
movable rail with contractors' points
sauterelle (f), rails (m pl) mobiles

a

переводный рельсъ (m)
saltarello (m)
carril (m) móvil

4

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selbststellende Weiche (f)
automatic point
changement (m) automatique

автоматическая *или* самодѣйствующая стрѣлка (f); стрѣлка автоматическаго дѣйствія
scambio (m) fermantesi da se *od* automatico
cambio (m) [de vía] automático

5

Auslaufweiche (f)
safety points, runaway points
aiguillage (m) de sortie [de voies de garage]

выходная стрѣлка (f)
scambio (m) d'uscità
cambio (m) de vía de salida

6

Spurkranzbrücke (f)
bridging-piece for the wheel flange
pont (m) pour le boudin de roue

a

мостикъ (m) для ребордъ
ponte (m) per l'orlo della ruota
puente (m) para el reborde de las ruedas

7

Kletterweiche (f), Weiche (f) ohne Gleisunterbrechung
inclined plane switch
changement (m) de voie à plans inclinés

стрѣлка (f) съ остряками, возвышающимися надъ рельсами главнаго пути
scambio (m) a sovrapposizione
cambio (m) de vía de planos inclinados

8

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1 Kletterzunge (f)
inclined plane tongue
aiguille (f) pour plan incliné

наклонный возвышающійся острякъ (m)
ago (m) a soprapposizione
aguja (f) inclinada

2 umlegbare Zunge (f)
turnover tongue
aiguille (f) oscillant autour d'un axe horizontal

перекидной острякъ (m)
ago (m) a ribaltamento
aguja (f) de quita y pón

3 Kletterrahmen (m)
inclined points
châssis (m) de plan incliné de changement

накладная переводная рама (f)
telaio (m) a sovrapposizione
bastidor (m) de plano inclinado de cambio

4 tragbare Weiche (f)
portable switch
changement (m) de voie portatif

переносная стрѣлка (f)
scambio (m) portatile
cambio (m) de via portátil

5 Verschiebeweiche (f)
shunting switch
aiguille (f) de manœuvre

маневренная стрѣлка (f)
scambio (m) per manovra
cambio (m) de via de maniobra

6 Anschlußweiche (f)
junction switch
aiguille (f) d'un raccordement

стрѣлка (f) вѣтви
scambio (m) di raccordo per binario
cambio (m) de via de unión

7 Schleppkreuzung (f)
contractors crossing
croisement (m) à rails pivotants

крестовина (f) съ вращающимися переводными рельсами
scambio(m) prolungante
conzamiento (m) con carriles móviles

8 Kreuzung (f) mit durchgehendem Hauptbahngleis
crossing with uninterrupted main track
croisement (m) à voie principale ininterrompue

пересѣченіе (n) съ непрерывнымъ (со сквознымъ) главнымъ путёмъ
incrocio (m) con binario principale continuo
cruzamiento (m) sin interrumpir la via principal

9 Kletterkreuzung (f), Gleisbrücke (f)
double inclined plane
traversée (f) par dessus à double plan incliné

пересѣченіе (n) помощью съёмной рамы; накладной рельсовый мостикъ (m)
incrocio (m) a sovrapposizione
cruzamiento (m) por doble plano inclinado

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Einbau (m) einer Weiche laying *or* putting in a switch pose (f) d'une aiguille		укладка (f) стрѣлки posa (f) d'uno scambio puesta (f) de una aguja	1
eine Weiche einbauen (v) *oder* einlegen (v) to lay *or* put in a switch poser (v) une aiguille		укладывать стрѣлку montare (v) uno scambio poner (v) ó colocar (v) una aguja	2
Einbaustelle (f) laying- *or* putting- in point endroit (m) de pose *ou* emplacement (m)		мѣсто (n) укладки punto (m) di scambio lugar (m) ó sitio (m) de colocación	3
6. Weichenverbindungen **Connection by Means of Points** **Changements de voies**		**Стрѣлочныя соединенія** **Scambi di vie** **Cambios de vía**	4
einfache Gleisverbindung (f) single cross-over diagonale (f), liaison (f) *ou* de jonction simple	5	простое соединеніе (n) путей diagonale (f) semplice diagonal (f), comunicación (f) sencilla	5
Verbindungsgleis (n) cross-over road rail (m) de liaison *ou* de jonction	a	соединительный путь (m); съѣздъ (m) binario (m) di allacciamento via (f) de enlace	6
Weichenkreuz (n), doppelte *oder* gekreuzte Gleisverbindung (f) double cross-over, scissors crossing jonction (f) double *ou* changement en croix, bretelle (f)		крестъ (m) изъ стрѣлокъ; пересѣкающіеся съѣзды (m pl) incrocio (m) doppio, allacciamento (m) doppio comunicación (f) doble	7
stumpf befahrene Gleisverbindung (f) trailing point cross-over jonction (f) à angle obtus		пошерстное соединеніе (n) путей diagonale (m) ottusangolo comunicación (f) en ángulo obtuso	8
spitz befahrene Gleisverbindung (f) facing point cross-over jonction (f) à angle aigu		противушерстное соединеніе (n) путей diagonale (m) acutangolo comunicación (f) en ángulo agudo	9
[einfache] Weichenstraße (f) set of single points groupe (m) simple de changements de voie		[обыкновенный] стрѣлочный путь (m); стрѣлочная улица (f) gruppo (m) semplice di scambi grupo (m) sencillo de cambios de vía	10

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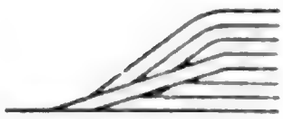
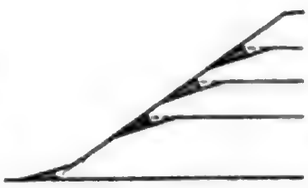
1 doppelte Weichenstraße (f)
double set of points
groupe (m) double de changements de voie



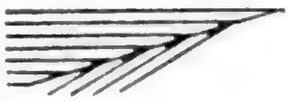
двойной стрѣлочный путь (m)
gruppo (m) doppio di scambi
grupo (m) doble de cambios de vía

2 verkürzte Weichenstraße (f)
shortened set *or* road of points
groupe (m) de changements de voie rallourci



укороченный стрѣлочный путь (m); укороченная стрѣлочная улица (f)
scambio (m) di via raccorciato
cambio reducido

3 Weichenstraße (f) mit Doppelweichen
set of twin points
groupe (m) de changements de voie doubles

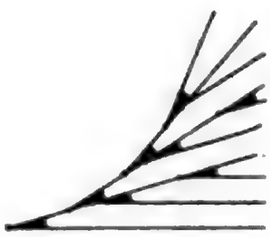


стрѣлочный путь (m) съ двойными стрѣлками
gruppo (m) di scambi doppi
grupo (m) de cambios de vía dobles

4 Weichenstraße (f) mit Kreuzungsweichen
th ough lines with double slips
groupe (m) de traversées-jonctions

стрѣлочный путь (m) съ перекрёстными *или* съ англійскими стрѣлками
gruppo (m) di deviatoi inglesi
grupo (m) de transversales de unión

5 Weichenbüschel (n)
group of points
faisceau (m) de changements de voie



пучокъ (m) стрѣлокъ
fascio (m) di scambi
haz (m) de cambios de vía

6 fächerförmige Abzweigung (f)
fan
faisceau (m) en eventail

вѣерообразное отвѣтвленіе (n)
biforcazione (f) a ventaglio
bifurcación (f) en abanico

7 Weichenberechnung (f)
switch calculations
calcul (m) des changements de voie

расчётъ (m) стрѣлочнаго соединенія *или* перевода
calcolazione (f) degli scambi
cálculo (m) de los cambios de vía

8 Weichenbuch (n)
record-book of points *or* switches
registre (m) des changements de voie

реестръ (m) стрѣлокъ
registro (m) degli scambi
registro (m) de los cambios de vía

9 Weichennummer (f)
switch number
numéro (m) [d'ordre] du changement de voie

номеръ (m) стрѣлки
numero (m) [d'ordine] degli scambi
número (m) [de orden] del cambio de vía

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Drehscheiben und Schiebebühnen

Turntables and Traversers (Transfer Tables A)

Plaques tournantes et transbordeurs

Поворотные круги и передвижныя телѣжки

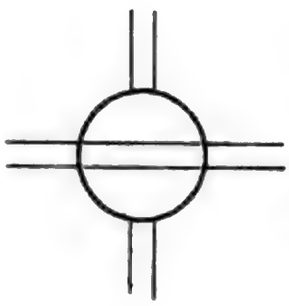
Piattaforme girevoli e carri trasbordatori *1*

Placas giratorias y transbordadores

1. Drehscheibe
Turntable
Plaque tournante

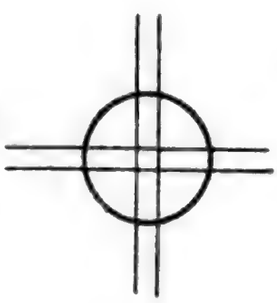
Поворотный кругъ
Piattaforma girevole *2*
Placa giratoria

einfache Drehscheibe (f)
single line turntable
plaque (f) tournante simple



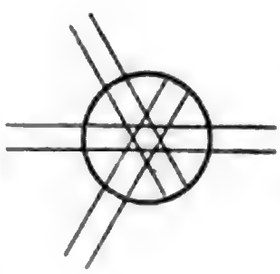
простой поворотный кругъ (m)
piattaforma (f) girevole semplice *3*
placa (f) giratoria simple

Kreuzdrehscheibe (f)
ordinary *or* two-way turntable
plaque (f) tournante pour croisement



крестообразный поворотный кругъ (m)
piattaforma (f) girevole a croce *4*
placa (f) giratoria en cruz

Sterndrehscheibe (f)
multi-way turntable
plaque (f) tournante en étoile



звѣздообразный поворотный кругъ (m)
piattaforma (f) girevole a stella *5*
placa (f) giratoria en estrella

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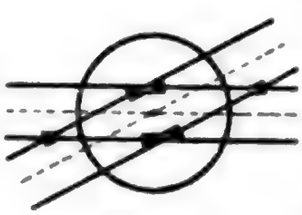
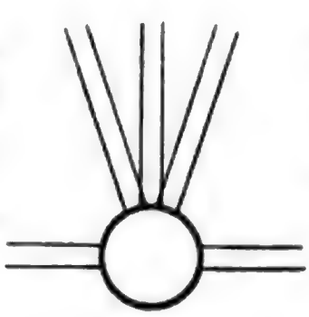
schiefwinklige Drehscheibe (f)
oblique (angled) turntable
plaque (f) tournante pour croisement oblique



поворотный кругъ (m) для путей, расположенныхъ подъ косымъ угломъ
piattaforma (f) ad angoli acuti *6*
placa (f) giratoria para cruzamiento oblicuo

Überschneiden (n) *oder* Durchschneiden (n) der Schienenenden
intersection of the rail ends
intersection (f) des extrémités des rails



пересѣченіе (n) концовъ рельсовъ
intersezione (f) delle estremità delle rotaie *7*
intersección (f) de los extremos de los carriles

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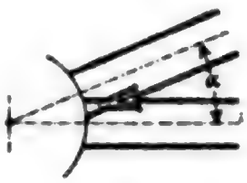
1 Strahlengleise (n pl)
radiating tracks
voies (f pl) en éventail, voies (f pl) rayonnantes

пути (m pl), расположенные въ видѣ лучей *или* вѣера; вѣерное расположеніе (n) путей
binari (m pl) a ventaglio *o* radiali
vías (f pl) en abanico *o* radiales

---

2 Einlaufwinkel (m), Gleiswinkel (m)
angle of intersection of tracks
angle (m) de convergence



α

уголъ (m), образуемый пересѣкающимися путями
angolo (m) di binari
ángulo (m) de convergencia

---

3 Grenzwert (m) des Gleiswinkels
limiting value of angle of intersection
valeur (f) limite de l'angle de convergence

предѣльный уголъ (m) путей
valore (m) limite dell' angolo di binario
valor (m) límite del ángulo de convergencia

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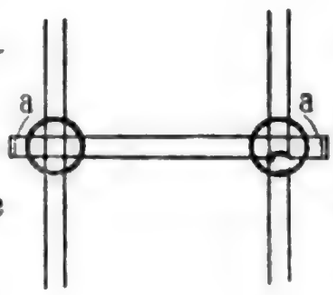
4 Gleisstumpf (m)
short dead end
[voie (f) en] cul-de-sac (m)

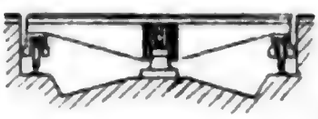


a

тупикъ (m); тупиковый путь (m)
binario (m) morto
via (f) sin salida, via (f) muerta

---

5 versenkte Drehscheibe (f)
sunk turntable
plaque (f) tournante à fosse *ou* enterrée



углублённый поворотный кругъ (m); поворотный кругъ, опущенный въ яму; поворотный кругъ ниже горизонта рельсовъ
piattaforma (f) girevole incassata
placa (f) giratoria enterrada *ó* hundida

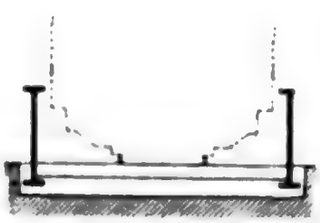
---

6 die Drehscheibe versenken (v)
to sink the turntable
faire affleurer (v) la plaque tournante au niveau du sol, enterrer (v) la plaque tournante

опустить поворотный кругъ въ яму
incassare (v) la piattaforma girevole
enrasar (v) la placa giratoria al nivel del suelo, enterrar (v) *ó* hundir (v) la placa giratoria

---

7 halbversenkte Drehscheibe (f)
half-sunk turntable
plaque (f) tournante demi-enterrée



полуопущенный поворотный кругъ (m); поворотный кругъ, опущенный на половину своей высоты
piattaforma (f) girevole semincassata
placa (f) giratoria semienterrada *ó* semi-hundida

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unversenkte Drehscheibe (f), Kletterdrehscheibe (f)
surface *or* overground turntable, climbing turntable, raised turntable
plaque (f) tournante en saillie, plaque (f) tournante à plans d'accès inclinés

неопущенный поворотный кругъ (m)
piattaforma (f) girevole non incassata *od* a sovrapposizione
placa (f) giratoria en saliente *ó* con planos de acceso inclinados

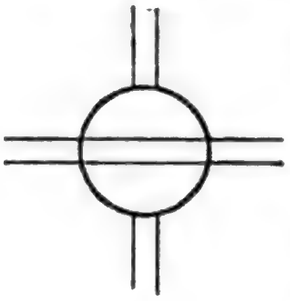
1

Krandrehscheibe (f)
crane-turntable
plaque (f) à pivot de grue

поворотный кругъ (m) на крановой цапфѣ
piattoforma (f) di gru
placa (f) con pivote de grúa

2

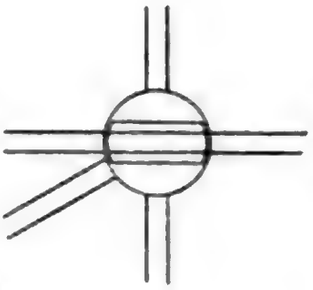
Vollscheibe (f), abgedeckte Drehscheibe (f)
full disc *or* circular turntable
plaque (f) tournante à plateau plein, plaque (f) à rotation complète



поворотный кругъ (m) со сплошнымъ дискомъ
piattaforma (f) girevole piena
placa (f) giratoria completa *ó* circular

3

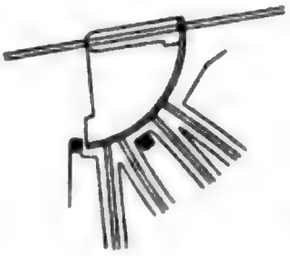
Teilscheibe (f), Drehbrücke (f)
bridge turntable
pont (m) tournant



поворотный мостъ (m)
piattaforma (f) girevole parziale, ponte (m) girevole
puente (m) giratorio

4

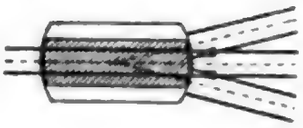
Segmentdrehscheibe (f), Fächerdrehscheibe (f), Winkeldrehscheibe (f), Drehweiche (f)
sector turntable
plaque (f) tournante à rotation limitée



поворотный кругъ (m) съ ограниченнымъ движеніемъ
piattaforma (f) girevole parziale a rotazione limitata
placa (f) giratoria de rotación limitada

5

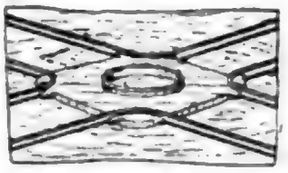
Pendelscheibe (f)
swing turntable
pont (m) tournant à rotation limitée



поворотный секторъ (m); поворотный кругъ (m) съ ограниченнымъ движеніемъ
piattaforma (f) a bilico
placa (f) giratoria de rotación pendular

6

Wendeplatte (f), Drehplatte (f)
turnplate
plaque (f) de manœuvre



поворотная площадка (f)
piatto (m) di manovra
placa (f) de maniobra

7

Tellerdrehscheibe (f)
self contained turntable
plaque (f) tournante à cuve mètallique avec fond

поворотный дискъ (m)
piattaforma (f) girevole a disco
placa (f) giratoria de plato

8

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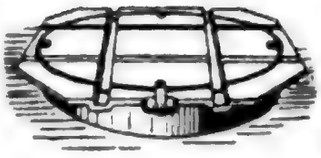
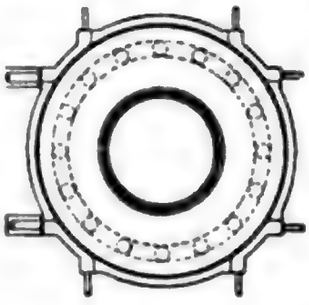
1 Drehscheibe (f) mit eingegossenen Spurrinnen
turntable with cast-in wheel grooves
plaque (f) tournante avec ornières *ou* gorges venues de fonte



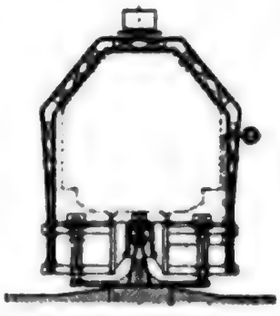
литой [чугунный] поворотный дискъ
piattaforma (f) girevole con guide venute di fusione
placa (f) giratoria con vías fundidas

2 Drehscheibe (f) ohne Fahrschienen
railless turntable
plaque (f) tournante sans rails



поворотный кругъ (m) безъ рельсовъ
piattaforma (f) girevole senza rotaie
placa (f) giratoria sin carriles

3 Drehscheibe (f) mit Fachwerkportal
turntable with overhead framework
plaque (f) tournante à portique en treillis



поворотный кругъ (m) съ порталомъ изъ рѣшетчатыхъ фермъ
piattaforma (f) girevole con travata a traliccio
placa (f) giratoria con pórtico de celosía

4 Achsendrehscheibe (f)
turntable for wheels and axles
plaque (f) tournante pour essieux

поворотный кругъ (m) для колёсныхъ скатовъ
piattaforma (f) girevole per assi
placa (f) giratoria para ejes

5 Straßenbahndrehscheibe (f)
tramway turntable
plaque (f) tournante de tramway

трамвайный поворотный кругъ (m)
piattaforma (f) girevole per tramvia
placa (f) giratoria de tranvía

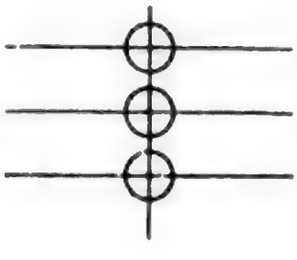
6 Wagendrehscheibe (f)
wagon turntable
plaque (f) tournante pour wagons

вагонный поворотный кругъ (m)
piattaforma (f) girevole per veicoli
placa (f) giratoria para vagones

7 Lokomotivdrehscheibe (f)
engine turntable, turntable for locomotives
plaque (f) tournante pour locomotives

паровозный поворотный кругъ (m)
piattaforma (f) girevole per locomotive
placa (f) giratoria para locomotoras

8 Drehscheibenstraße (f)
turntable road
batterie (f) de plaques tournantes



улица (f) поворотныхъ круговъ
piattaforma (f) da strada
bateria (f) de placas giratorias

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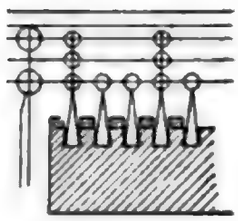
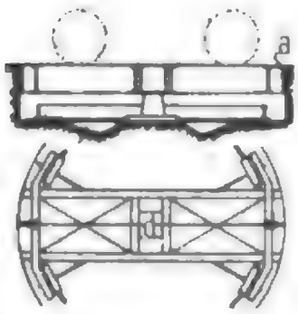
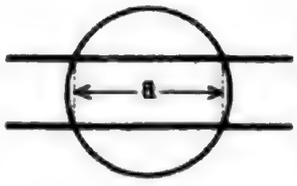
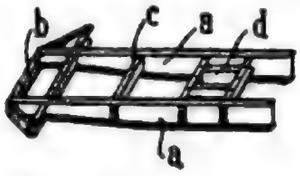
Drehscheibenanlage (f) group of turntables installation (f) de plaques tournantes		соединеніе (n) путей помощью поворотныхъ круговъ impianto (m) di piattaforme girevoli instalación (f) de placas giratorias	1
Drehscheibenkörper (m) frame of turntable châssis (m) de plaque tournante	 a	тѣло (n) поворотнаго круга corpo (m) o intelaiatura (f) della piattaforma girevole cuerpo (m) ó bastidor (m) de la placa giratoria	2
Scheibenrand (m) edge of turntable bord (m) de la plaque tournante	a	край (m) поворотнаго круга orlo (m) della piattaforma borde (m) de la placa giratoria	3
Fahrbahnlänge (f) length of rails on turntable longueur (f) des rails (sur la plaque)	 a	длина (f) пути поворотнаго круга lunghezza (f) della via di andata longitud (f) de los carriles (en la placa)	4
Hauptträger (m) main girder poutre (f) principale	 a	главная ферма (f) trave (f) principale viga (f) principal	5
Brststück (n), Kopfstück (n), Endquerträger (m) breast piece, end girder traverse (f) de tête	b	щека (f) estremità (f) della trave cabezal (m), extremo (m) de la viga	6
Querträger (m), Querausteifung (f) stretcher poutre (f) transversale	c	поперечная связь (f) или ферма (f) trave (f) trasversale viga (f) transversal	7
Mittelstück (n) cross-head pièce (f) centrale	d	средняя часть (f); коробка (f) pezzo (m) centrale pieza (f) central	8
Stirnausladung (f) des Trägers horn ailes (m pl) en porte à faux de la poutre	 a	лобовой выступъ (m) фермы scaricare (v) fuori della fronte delle travi saliente (m) de la viga	9

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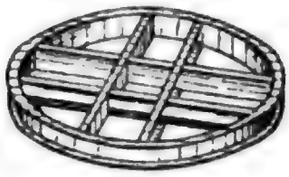
1 zusammengesetzter Träger (m)
compound girder, built-up girder
poutre (f) composée

составная *или* клёпанная ферма (f)
trave (f) composta
viga (f) compuesta

2 kreisförmiger Träger (m)
circular girder, girder ring
support (m) circulaire



круглая ферма (f)
trave (f) circolare
viga (f) circular

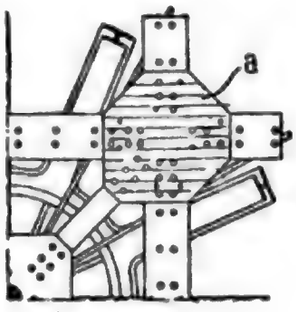
3 Schienendrehscheibe (f)
turntable with frame built up of rails
plaque (f) tournante en rails assemblés

поворотный кругъ (m) на рельсовыхъ фермахъ
rotaie (f pl) di piattaforma
placa (f) giratoria de carriles reunidos

4 Durchbiegung (f) der Hauptträger
sagging *or* hogging of main girders
flexion (f) des poutres principales

прогибъ (m) главныхъ фермъ
flessione (f) delle travi principali
flexión (f) de las vigas principales

5 Gurtung (f)
booms
membrure (f)



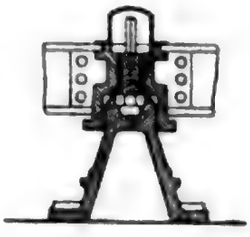
поясъ (m)
membratura (f)
contextura (f), travesaños (m pl)

6 Gurtlasche (f), Knotenblech (n)
junction plate, junction gusset
gousset (m) d'assemblage

a

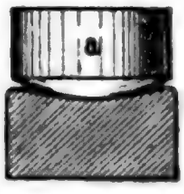
поясная накладка (f)
coprigiunto (m) della membratura, piastra (f) da nodi
placa (f) de unión *ó* de junta de los travesaños

7 Mittelzapfen (m) der Drehscheibe, Drehzapfen (m), Königszapfen (m)
central pivot of turntable, [king bolt]
pivot (m) de la plaque tournante



ось (f) вращенія (цапфа (f)) поворотнаго круга
perno (m) centrale della piattaforma girevole
pivote (m) central de la placa giratoria

8 Linsenzapfen (m)
pillow-pivot, foot step
pivot (m) à lentille



сферическая пята (f)
perno (m) a lente
gorrón (m) lenticular

a

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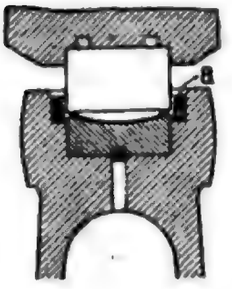
Zapfenkragen (m)
pivot collar
bague (f) de retenue du grain *ou* de la lentille



a

закраина (f) подпятника
collare (m) del perno
collar (m) guia del gorrón

1

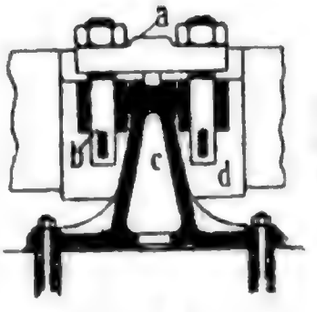
Führungshülse (f)
guide bush
collet (m) de guidage

a

направляющая втулка (f) *или* гильза (f)
custodia (f) di guida
manguito (m) de guia

2

Druckhaupt (n)
centre cap
chapeau (m) de pivot



a

головка (f) пяты
cappello (m) del perno
traviesa (f) [de apoyo] del pivote

3

Tragschraube (f), Tragbolzen (m), Hängebolzen (m)
suspension bolt
boulon (m) porteur

b

опорный болтъ (m); подвѣсный болтъ
bullone (m) portante
tornillo (m) de soporte

4

Königstuhl (m), Drehstuhl (m), Mittelstütze (f), Spurbock (m)
centre support
support (m) de la crapaudine (f)

c

стулъ (m) *или* центральная опора (f) *или* средняя опора поворотнаго круга
sopporto (m) centrale
soporte (m) de la rangua

5

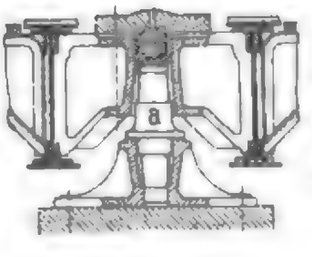
Querhaupt (n)
transverse carrier
pièce (f) centrale d'entretoisement

d

осевая перекладина (f)
traversa (f) principale
sombrerete (m) transversal

6

Königsäule (f)
centre pillar, king pillar
colonne (f) de support de la crapaudine, arbre (m) du pivot



a

станина (f) стула *или* центральной опоры
collonna (f) principale
columna (f) de apoyo de la rangua

7

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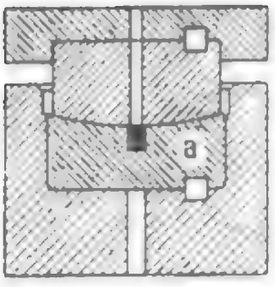

a

1	Drehpfanne (f), Spurplatte (f) footstep, step, bearing socket grain (m) de crapaudine	подпятникъ (m) ralla (f) *o* rospo (m) grano (m) *ó* quicionera (f) de la rangua
2	der Höhe nach verstellbarer Mittelzapfen (m) adjustable centre pin pivot (m) réglable verticalement	средняя цапфа (f) *или* пята (f), переставляемая въ вертикальномъ направленіи perno (m) regolabile verticalmente pivote (m) graduable verticalmente
3	Höhenstellvorrichtung (f) centre-pin adjusting device dispositif (m) de réglage de la hauteur	приспособленіе (n) для регулированія высоты disposizione (f) di sollevamento disposición (f) para regular la altura
4	Keilstellvorrichtung (f) gib-and cottar adjusting device dispositif (m) de réglage à coin	регулирующіе клинья (m pl) disposizione (f) di incrociamento disposición (f) de regulación por cuña
5	Überhöhung (f) der Mittelstütze superelevation of central support surhaussement (m) du support central	повышеніе (n) центральной *или* средней опоры sopraelevamento (m) del sestegno centrale peralte (m) del soporte central
6	die Drehscheibe hochnehmen (v) to raise the turntable soulever (v) la plaque tournante	поднять поворотный кругъ alzare (v) la piattaforma levantar (v) la placa giratoria
7	den Zapfen niederschrauben (v) to lower the pivot descendre (v) le pivot à vis	опустить цапфу *или* пяту посредствомъ винта abbassare (v) il perno a vite bajar (v) el pivote por tornillo
8	Laufwerk (n) der Drehscheibe running gear of turntable mécanisme (m) de roulement de la plaque tournante	приспособленіе (n) для вращенія поворотнаго круга meccanismo (m) di scorrimento della piattaforma girevole mecanismo (m) de rodamiento de la placa giratoria

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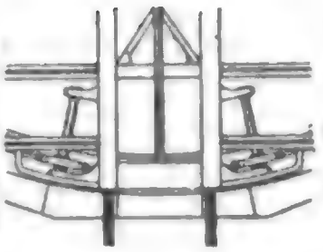
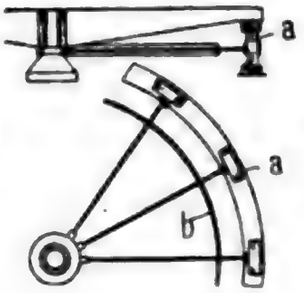
Drehscheibe (f) mit fest gelagerten Achsen
turntable with fixed axles
plaque(f) tournante avec essieux porteurs fixes



поворотный кругъ (m) съ неподвижными осями
piattaforma (f) girevole con assi fissi
placa (f) giratoria con ejes embutidos

1

Rollenkranz (m)
set of rollers, live ring
couronne (f) de galets



кольцо (n) съ роликами *или* катками
cerchione (m) della ruotella
corona (f) de rodillos *ó* ruedecillas

2

Laufrolle (f)
roller
galet (m) de roulement

a

катокъ (m); роликъ (m)
ruotella (f) di scorrimento
rodillo (m) *ó* ruedecilla (f) de rodamiento

3

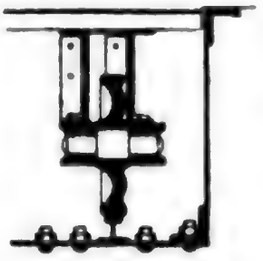
Rollenkäfig (m)
roller frame
support (m) des galets

b

рама (f) для катковъ
porta-ruotelle (m)
caja (f) de rodillos

4

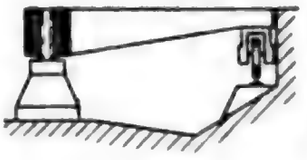
Rollenlager (n)
bearing for roller
palier (m) de galet



подшипникъ (m) катка *или* ролика
sopporto (m) della ruotella
soporte (m) *ó* asiento (m) para los rodillos

5

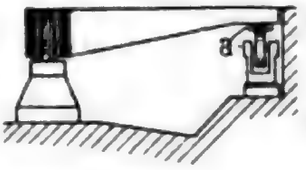
Rollenlager (n) am Scheibenkörper
roller bearing fixed to turntable
palier (m) de galet porté por la plaque



подшипникъ (m) катка, прикрѣплённый къ тѣлу
sopporto (m) della ruotella unito alla piattaforma girevole
soporte (m) para los rodillos sobre el cuerpo de la placa

6

Rollenlager (n) am Fundament
roller bearing fixed in pit of turntable
palier (m) de galet reposant sur la fondation



подшипникъ (m) катка на фундаментѣ
sopporto (m) della ruotella unito alla fondazione
soporte (m) para los rodillos sobre la cimentación

7

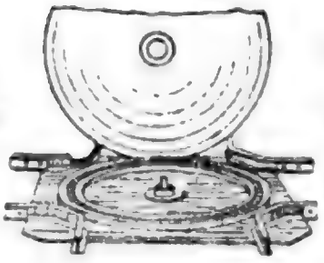
Laufkranz (m), Laufschiene (f)
roller race
couronne (f) de roulement, rail (m) des galets

a

кольцевой *или* круговой рельсъ (m)
rotaia (f) di scorrimento
corona (f) de rodamiento, carril (m) de rodillos

8

1 Kugeldrehscheibe (f)
turntable mounted on balls, ball bearing turntable
plaque (f) tournante à billes

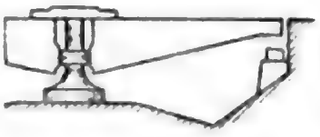


поворотный кругъ (m) на шарикахъ
piattaforma (f) girevole a sfere *o* palle
placa (f) giratoria de bolas

2 Kugelkäfig (m), Kugelring (m)
ball-race
cage (f) à billes

коробка (f) для шариковъ
gabbia (f) della sfere
caja (f) de bolas

3 hochliegende Drehscheibe (f), Balancedrehscheibe (f), Drehscheibe (f) ohne Randunterstützung
balanced turntable, turntable without peripheral support
plaque (f) tournante équilibrée



уравновѣшенный поворотный кругъ (m); поворотный кругъ безъ крайнихъ опоръ
piattaforma (f) girevole equilibrata
placa (f) giratoria equilibrada *ó* sin soporte periférico

4 Drehscheibe (f) ohne Mittelzapfen
turntable without centre bearing
plaque (f) tournante sans pivot

поворотный кругъ (m) безъ центральной *или* средней цапфы
piattaforma (f) girevole senza perno centrale
placa (f) giratoria sin pivote central

5 Drehscheibengrube (f)
turntable pit
fosse (f) de plaque tournante

яма (f) поворотнаго круга
cassa (f) *o* bacino (m) *o* vasca (f) da piattaforma girevole
foso (m) para placa giratoria

6 Grubeneinfassung (f), Grubenkranz (m), Umfang[s]ring (m)
cribbing
couronne (f) *ou* cuve (f) de la fosse

a

кольцевая обдѣлка (f) ямы
corona (f) della vasca
corona (f) del foso

7 Pflasterung (f) der Grube
paving of pit
pavage (m) de la fosse

b

мощеніе (n) ямы
impiantito (m) della vasca
pavimento (m) *ó* enlosado (m) del foso

8 Grundmauerwerk (n), Grundmauer (f)
masonry foundation
mur (m) de fondation

каменная кладка (f) фундамента и стѣнокъ
muro (m) di fondazione
muro (m) de cimentación

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Mauerring (m)
circular wall
mur (m) d'enceinte on circulaire

круговая стѣна (f)
muro (m) annulare
muro (m) anular
1

Grundplatte (f)
iron bed plate
plaque (f) d'assise *ou* de fondation

a

основаніе (n); подушка (f)
piastra (f) di fondazione
placa (f) de asiento *ó* de cimentación
2

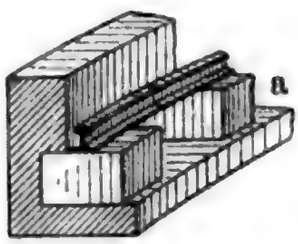
Grundplatte (f) mit Umfassungskranz, Blechgehäuse (n)
sheet-iron casing
plaque (f) de base avec cuve métallique

основаніе (n) съ кольцевою обдѣлкою изъ листового желѣза
rivestimento (m) in ferro
caja (f) de revestimiento de hierro
3

Betongrundplatte (f)
concrete foundation slab
plaque (f) d'assise en béton

бетонное основаніе (n); бетонная подушка (f)
piastra (f) di fondo in calcestruzzo
placa (f) de asiento de hormigón
4

Quaderkranz (m)
ring of bedstones
couronne (f) en moëllons



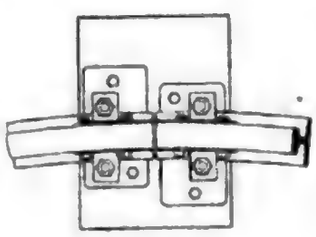
фундаментъ (m) для кольцевого рельса изъ штучнаго камня
corona (f) di blocchi in pietra
corona (f) de silleria
5

Laufschienensockel (m)
base of roller race
socle (m) du rail circulaire

a

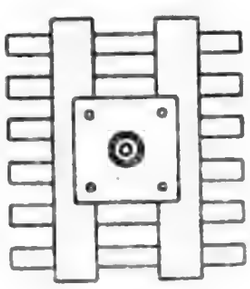
цоколь (m) кольцевого рельса
zoccolo (m) di rotaia
zócalo (m) del carril de rodadura
6

Laufkranzstoß (m)
roller race joint
joint (m) de la couronne de roulement



стыкъ (m) кольцевого рельса
giunto (m) della rotaia di scorrimento
junta (f) de la corona de rodamiento
7

Schwellenlagerung (f) des Königstuhles, Schwellenrost (m)
bedding of centre pillar on sleepers *or* ties (A)
traverses (f pl) de support de la crapaudine



деревянный ростверкъ (m) для стула *или* для средней опоры
intelaiatura (f) di traversine per il sopporto centrale
emparrillado (m) de traviesas de sostén del pivote
8

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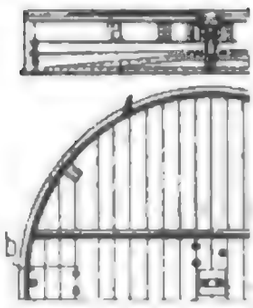
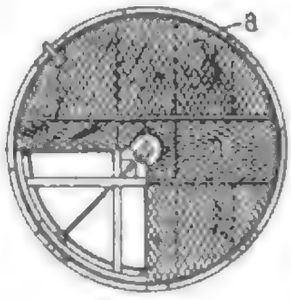
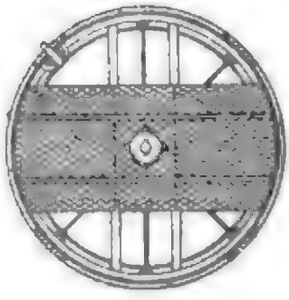
zusammengesetzter Grubenkranz (m)
built-up cribbing
cuve (f) en plusieurs segments

составное кольцо (n) ямы
corona (f) di vasca in più pezzi
corona (f) compuesta para foso
9

1	Abdeckung (f) der Drehscheibe covering of the turntable recouvrement (m) *ou* couverture (f) de la plaque tournante		перекрытіе (n) поворотнаго круга ricoprimento (m) della piattaforma girevole recubrimiento (m) de la placa giratoria
2	die Drehscheibe abdecken (v) to cover the turntable recouvrir (v) la fosse		перекрыть поворотный кругъ ricoprire (v) della piattaforma girevole [re]cubrir (v) el foso
3	Bohlenbelag (m), Holzbelag (m) planking platelage (m), plancher (m), planchéiage (m)	a	деревянный настилъ (m) pavimentazione (f) in legno entarimado (m), tablero (m)
4	Einsteigeklappe (f) manhole cover trappe (f)	b	люкъ (m) *или* лазъ (m) для осмотра фермъ botola (f) d'accesso puerta (f) de acceso
5	vollständige Abdeckung (f) der Drehscheibe complete covering of turntable recouvrement (m) complet de la fosse de la plaque tournante		сплошное перекрытіе (n) ямы поворотнаго круга ricoprimento (m) completo della piattaforma girevole recubrimiento (m) completo del foso de la placa giratoria
6	Abdeckplatte (f), Belagblech (n) cover plate plaque (f) de recouvrement	a	перекрытіе (n) изъ листового желѣза; желѣзный листъ (m) для перекрытія lamiera (f) di ricoprimento placa (f) de recubrimiento
7	teilweise Abdeckung (f) der Drehscheibe partial covering of turntable recouvrement(m) partiel de la plaque tournante		частичное перекрытіе (n) поворотнаго круга ricoprimento (m) parziale della piattaforma girevole recubrimiento (m) parcial de la placa giratoria
8	offene Grube (f) open pit fosse (f) ouverte		открытая яма (f) vasca (f) aperta foso (m) descubierto
9	Stoßrand (m) safety border bordure (f) de la fosse *ou* de la cuve		бортовый уголокъ (m) orlo (m) della vasca borde (m) del foso

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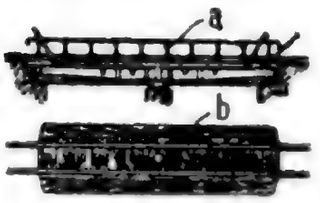
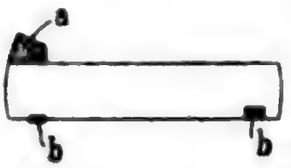
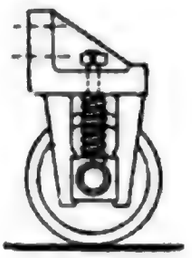
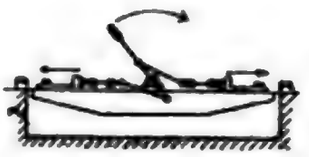
Drehscheibengeländer (n) hand-railing garde corps (m) de plaque tournante		перила (n pl) поворотнаго круга ringhierra (m) *o* parapetto (m) della piattaforma girevole barandilla (f) de la placa giratoria	*1*
Laufsteg (m) gangway passerelle (f)	a b	мостки (m pl) passerella (f) pasadera (f)	*2*
Bedienungsbühne (f), Antriebbühne (f) attendant's platform plate-forme (f) pour la commande		площадка (f) для обслуживанія palco (m) di comando plataforma (f) de servicio	*3*
Drehscheibengegengewicht (n) counterweight contre-poids (m) de plaque tournante	a b	противовѣсъ (m) поворотнаго круга contrappeso (m) della piattaforma girevole contrapeso (m) de placa giratoria	*4*
federnde Stützrolle (f) roller on spring galet (m) de roulement à ressort		пружинящій опорный катокъ (m) girella (f) di sostegno a molla roldana (f) de apoyo con muelle	*5*
Drehscheibenverriegelung (f) locking of turntable verrouillage (m) de la plaque		замыканіе (n) поворотнаго круга arresto (m) a catenaccio enclavamiento (m) de la placa giratoria	*6*
Verriegelungseinrichtung (f) locking gear appareil (m) de verrouillage		замыкающее устройство (n) disposizione (f) d'arresto a catenaccio instalación (f) de enclavamiento	*7*
Hauptstellung (f) der Scheibe normal position of turntable position (f) normale de la plaque tournante		главное положеніе (n) поворотнаго круга posizione (f) principale (normale) della piattaforma girevole posición (f) principal de la placa giratoria	*8*
die Drehscheibe verriegeln (v) to lock the turntable verrouiller (v) la plaque tournante		замкнуть *или* закрѣпить поворотный кругъ fissare (v) la piattaforma girevole col catenaccio enclavar (v) la placa giratoria	*9*
Entriegelung (f) unlocking déverrouillage (m)		размыканіе (n) apertura (f) del catenaccio desenclavamiento (m) de la placa giratoria	*10*

1	die Drehscheibe entriegeln (v) to unlock the turntable déverrouiller (v) la plaque tournante	разомкнуть или освободить поворотный кругъ liberare (v) la piattaforma col ritirare il catenaccio dejar (v) libre el enclavamiento de la placa giratoria
2	Schubriegel (m), Einstellriegel (m) sliding locking bolt verrou (m) [à coulisse]	задвижка (f) catenaccio (m) scorrevole cerrojo (m) corredizo
3	Klinkhaken (m), Einfallklinke (f), Stellfalle (f) catch main (f) d'arrêt *ou* chien (m)	откидной крюкъ (m) catenaccio (m) a cerniera, nottolino (m) fiador (m), afianzador (m)
4	Fallklinkenstuhl (m), Klinkenlager (n), Stellfallenlager (n) casing in which catch is fixed support (m) de main d'arrêt	подушка (f) крюка cuscinetto (m) del nottolino cojinete (m) para el fiador
5	Verriegelungskeil (m) sliding wedge coin (m) de verrouillage	заклинка (f) chiavistello (m) sali-scendi cuña (f) de cierre
6	Drehscheibensignal (n) turntable signal signal (m) de plaque tournante	сигналъ (m) поворотнаго круга segnale (m) della piattaforma girevole señal (f) de la placa giratoria
7	Schlagen (n) der Drehscheibe bumping of turntable fléchissement (m) de la plaque tournante	удары (m pl) при колебаніяхъ поворотнаго круга colpo (m) della piattaforma girevole golpeo (m) de la placa giratoria
8	Drehscheibenentlastung (f) relieving of turntable calage (m) de la plaque tournante, soulèvement (m) de la plaque tournante	разгрузка (f) поворотнаго круга compensazione (f) *o* sgravamento (m) della piattaforma girevole sujeción (f) de la placa giratoria
9	Entlastungsvorrichtung (f), Feststellvorrichtung (f) relieving gear appareil (m) de calage, appareil (m) de soulèvement	приспособленіе (n) для разгрузки apparecchio (m) di compensazione disposición (f) *ó* mecanismo (m) de sujeción

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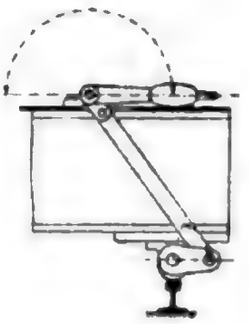
Kniehebelentlastung (f)
toggle joint relieving gear
calage (m) par leviers coudés

разгрузка (f) помощью колѣнчатыхъ рычаговъ
compensazione (f) con leva a ginocchiera
sujeción (f) por palancas acodadas

1

Exzenterentlastung (f), Entlastung (f) mit unrunder Scheibe
cam relieving gear
calage (m) par excentrique



разгрузка (f) помощью эксцентриковъ
compensazione (f) con eccentrico
sujeción (m) por excéntrico

2

Stützschraube (f)
carrying bolt
boulon (m) d'appui

упорный *или* подпирающій болтъ (m)
bullone (m) d'appoggio
perno (m) roscado *ó* pasador (m) de apoyo

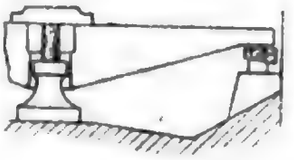
3

Kippen (n) der Scheibe
tilting of turntable
mouvement (m) de bascule de la plaque tournante

наклоненіе (n) поворотнаго круга
rovesciamento (m) della piattaforma girevole
inclinación (f) de la placa giratoria

4

Unterlegen (n) von Holzkeilen
placing wooden wedges under the turntable
pose (f) de cales en bois sous la plaque



подкладка (f) деревянныхъ клиньевъ
posa (f) di cunei di legno sotto alla piattaforma
colocación (f) de cuñas de madera debajo de la placa

5

---

die Entlastungsvorrichtung mit der Verriegelung kuppeln (v)
to couple the relieving gear with the locking gear
accoupler (v) l'appareil de calage avec le verrouillage

соединить приспособленіе для разгрузки съ замыкающимъ механизмомъ
accoppiare (v) l'apparecchio di compensazione col catenaccio
acoplar (v) el mecanismo de sujeción con el enclavamiento

6

Drehscheibenverlängerung (f)
turntable extension
allongement (m) de la plaque tournante

удлиненіе (n) поворотнаго круга
prolungamento (m) della piattaforma girevole
prolongación (f) de la placa giratoria

7

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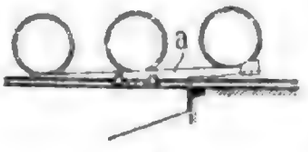
die Drehscheibe verlängern (v)
to extend the turntable
allonger (v) la plaque tournante

удлинить поворотный кругъ
prolungare (v) la piattaforma girevole
dar (v) acceso á la placa giratoria; prolongar (v) la placa giratoria

8

Auflaufschiene (f), Aufläufer (m)
ramp rail
rail (m) de rallonge



a

консольный рельсъ (m)
rotaia (f) rampante
carril (m) de alargamiento

9

Drehwiderstand (m)
resistance to turning
résistance (f) à la rotation

сопротивленіе (n) вращенію *или* при вращеніи
resistenza (f) alla rotazione *1*
resistencia (f) á la rotación *ó* al giro

---

die Drehscheibe drehen (v)
to turn the turntable
tourner (v) la plaque

вращать поворотный кругъ
girare (v) la piattaforma [girevole] *2*
girar (v) la placa

---

die Drehscheibe in Gang setzen (v)
to start the turntable
mettre (v) en marche la plaque tournante

пускать въ ходъ *или* приводить въ движеніе поворотный кругъ
mettere (v) in moto la piattaforma girevole *3*
poner (v) en marcha la placa giratoria

Leergang (m) der Drehscheibe
running light of turntable
marche (f) à vide de la plaque tournante

холостой ходъ (m) поворотнаго круга
movimento (m) a vuoto della piattaforma girevole *4*
marcha (f) en vacío de la placa giratoria

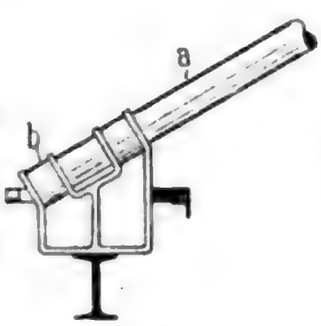
Drehvorrichtung (f)
turning gear
mécanisme (f) de rotation

приспособленіе (n) для вращенія; движущій механизмъ (m)
apparecchio (m) di rotazione *5*
disposición (f) de rotación

Handdrehvorrichtung(f)
hand turning gear
appareil (m) de rotation *ou* de tournage à main

приспособленіе (n) для вращенія въ ручную
apparecchio (m) di rotazione a mano *6*
mecanismo (m) de rotación á mano

Drehbaum (m), Tummelbaum (m)
turning handle, handspike
levier (m) de manœuvre



аншпугъ (m)
leva (f) di manovra *7*
palanca (f) de maniobra

Drehbaumhülse (f)
handspike socket
douille (f) de levier de manœuvre

a

b

втулка (f) для аншпуга
boccola (f) della leva di manovra
manguito (m) *ó* casquillo (m) de la palanca de maniobra *8*

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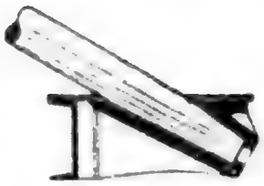
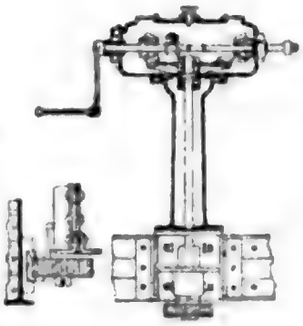
1 versenkte Drehbaumhülse (f)
sunk handspike socket
douille (f) de levier de manœuvre noyée



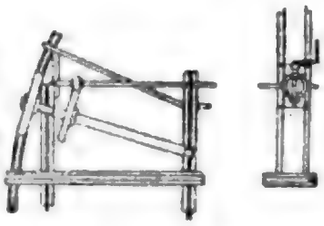
утоплённая втулка (f) для аншпуга
boccola (f) incassata della leva di manovra
manguito (m) de palanca de maniobra enterrado

2 Zahnkranzantrieb (m)
rack and pinion drive
commande (f) par couronne dentée



приводъ (m) зубчатымъ ободомъ
comando (m) a corona dentata
accionamiento (m) *ó* mando (m) por medio de corona dentada

3 Laufachsenantrieb (m)
turning gear acting upon the axles
commande (f) par les essieux de roulement

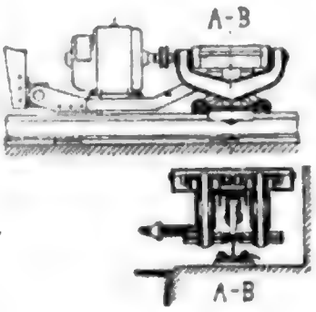


приводъ (m) бѣгуновъ *или* свободныхъ осей
comando (m) delle ruote di scorrimento
accionamiento (m) *ó* mando (m) por ejes de rodamiento

4 Kraftantrieb (m), motorischer Antrieb (m)
mechanical turning gear
commande (f) mécanique *ou* par moteur

механическій приводъ (m); механическое приспособленіе (n) для вращенія
comando (m) a motore
accionamiento (m) *ó* mando (m) mecánico *o* por motor

5 Schlepper (m), Schleppwagen (m), Vorspannwagen (m)
motor truck, hauling truck
remorqueur (m)



прицѣпной вагонъ (m) съ двигателемъ; реморкёръ (m)
rimorchio (m)
remolcador (m)

6 Schlepperantrieb (m)
motor truck drive
commande (f) par remorqueur

приводъ (m) прицѣпнымъ вагономъ съ двигателемъ
comando (m) a rimorchio
accionamiento (m) por remolcador

7 Drehscheibenwärter (m)
turntable attendant
garde (m) de plaque tournante

рабочій (m), обслуживающій поворотный кругъ
manovale (m) *o* agente (m) addetto alla piattaforma girevole
guarda (m) de la placa giratoria

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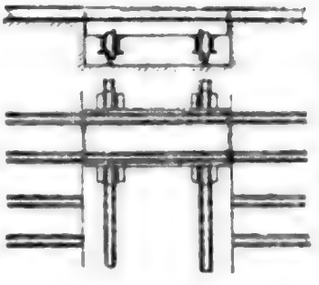
2. Schiebebühne
Traverser, Travelling Platform, Transfer Table (A)
Chariot roulant pour transbordeur *ou* transbordeur *ou* chariot transbordeur *ou* pont roulant

Передвижная телѣжка
Carrello trasbordatore, carro di servizio
Transbordador

1

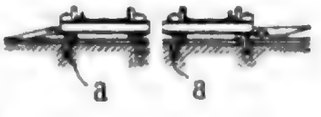
versenkte Schiebebühne (f), Schiebebühne (f) mit Laufgrube
sunk traverser, traverser *or* transfer table (A) travelling in a pit
chariot (m) *ou* transbordeur (m) à fosse, pont (m) roulant transporteur (m) à fosse



углублённая *или* утоплённая передвижная телѣжка (f)
trasbordatore (m) a fossa
transbordador (m) de foso

2

halbversenkte *oder* flachversenkte Schiebebühne (f)
half-sunk traverser *or* transfer table (A)
transbordeur (m) *ou* chariot (m) roulant avec caniveaux de roulement



передвижная телѣжка (f) съ пониженными поперечными путями; полууглублённая *или* полупотайная передвижная телѣжка
trasbordatore (m) a fossa poco profonda
transbordador (m) de foso semi-enterrado

3

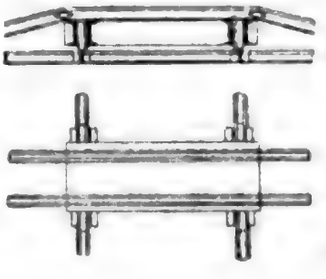
Schlitzkanal (m)
sunk grooves *or* channels for bearing wheels
caniveau (m)

a

канавка (f)
canaletto (m)
canal (f) [estrecha]

4

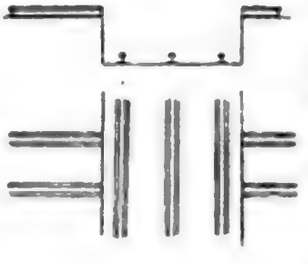
unversenkte Schiebebühne (f), Schiebebühne (f) ohne Laufgrube
surface traverser *or* transfer table (A)
transbordeur (m) *ou* chariot (m) roulant à niveau *ou* sans fosse



неуглублённая передвижная телѣжка (f); передвижная телѣжка безъ ямы
trasbordatore (m) a livello *o* senza fossa
transbordador (m) á nivel *ó* sin foso

5

Unterbrechung (f) der Fahrgleise
break in the road
interruption (f) des rails



перерывъ (m) путей
interruzione (f) delle rotaie
interrupción (f) de las vías

6

Lücke (f) der Fahrschienen
gap in the rails
intervalle (m) des voies

просвѣтъ (m) въ главномъ пути
discontinuità (f) nelle rotaie
espacio (m) entre los carriles de rodamiento

7

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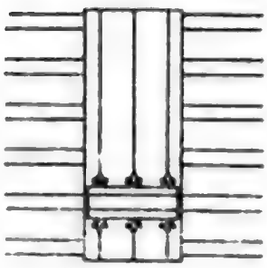
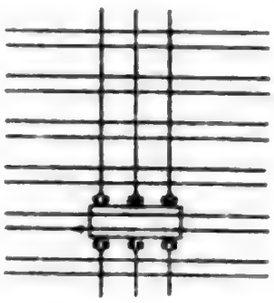
1 Schiebebühne (f) mit Gleisunterbrechung
traverser *or* transfer table with break in the road
pont (m) roulant *ou* chariot (m) roulant pour voies interrompues



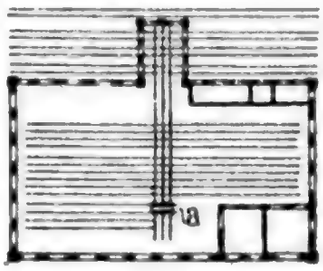
передвижная телѣжка (f) съ перерывомъ путей
trasbordatore (m) con interruzione dei binari
transbordador (m) de vias interrumpidas

2 Schiebebühne (f) ohne Gleisunterbrechung
traverser *or* transfer table (A) without a break in the road
transbordeur (m) à niveau pour voies continues



передвижная телѣжка (f) безъ перерыва путей
trasbordatore (m) senza interruzione dei binari
transbordador (m) de vias continuas

3 Werkstättenschiebebühne (f)
workshop traverser
transbordeur (m) *ou* chariot (m) roulant d'atelier



a

передвижная телѣжка (f) для мастерскихъ
trasbordatore (m) d'officina
transbordador (m) de taller

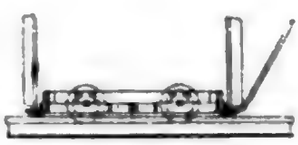
4 Lokomotivschiebebühne (f)
traverser for engines
transbordeur (m) *ou* chariot (m) roulant pour locomotives

паровозная передвижная телѣжка (f)
trasbordatore (m) per locomotive
transbordador (m) para locomotoras

5 Wagenschiebebühne (f)
traverser *or* transfer table (A) for cars
transbordeur (m) *ou* chariot (m) roulant pour wagons

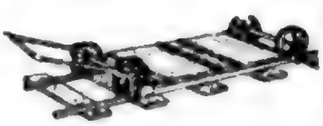
вагонная передвижная телѣжка (f)
trasbordatore (m) per veicoli
transbordador (m) para vagones

6 Achsenkarren (m)
axle traverser *or* transfer table (A)
transbordeur (m) *ou* chariot (m) roulant pour essieux



телѣжка (f) для осей
carrello (m) per assi
carro (m) para ejes

7 Schiebeschlitten (m), Gleiskarren (m)
traverser truck
chariot (m) *ou* transbordeur (m)



ручная телѣжка (f)
carrello (m) trasbordatore
carro (m) transbordador

8 Doppelschiebebühne (f)
double traverser *or* transfer table (A)
transbordeur (m) *ou* pont (m) roulant double

двойная передвижная телѣжка (f)
trasbordatore (m) doppio
transbordador (m) doble

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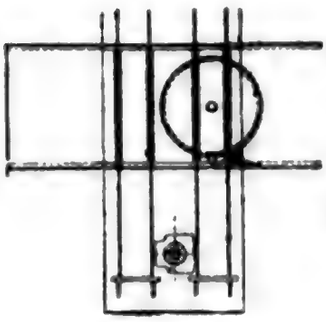
Schiebebühne (f) mit Drehscheibe
traverser *or* transfer table (A) with turntable
transbordeur (m) à plaque tournante



передвижная телѣжка (f) съ поворотнымъ кругомъ
trasbordatore (m) a piattaforma girevole
transbordador (m) con placa giratoria

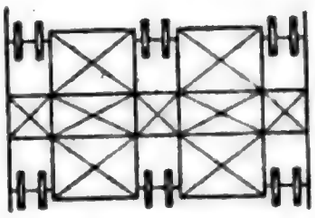
1

Bühnenkörper (m)
body of traverser *or* transfer table (A)
corps (m) du transbordeur

корпусъ (m) телѣжки
corpo (m) del trasbordatore
cuerpo (m) del transbordador

2

Rahmen (m)
frame
châssis (m)

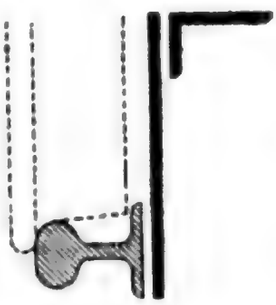


рама (f)
intelaiatura (f)
bastidor (m)

3

---

außenliegender Träger (m)
outside girder
poutre (f) extérieure, longeron (m) extérieur

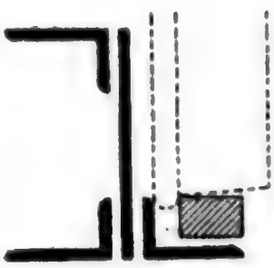


наружная ферма (f)
trave (f) esterna
viga (f) exterior

4

---

innenliegender Träger (m)
inside girder
poutre (f) intérieure longeron (m) intérieur



внутренняя ферма (f)
trave (f) interna
viga (f) interior

5

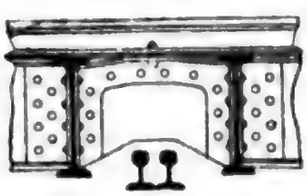
---

doppelwandiger Träger (m)
trough girder
poutre (f) à doubles parois

ферма (f) съ двойными стѣнками
trave (f) a parete doppia
viga (f) de doble alma

6

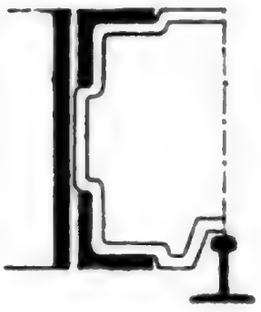
Trägerverbindung (f)
connection between girders
entretoisement (m) *ou* assemblage (m) de poutres



соединеніе (n) фермъ
collegamento (m) delle travi
ensambladura (f) ó unión (f) de las vigas

7

1 Verbindungskopf (m)
cross-*or* head frame, diaphragm
tête (f) de traverse



соединительная головка (f)
testa (f) di collegamento
cabeza (f) de unión

---

2 verspannter Längsträger (m)
trussed girder
longeron (m) armé

продольная шпренгельная ферма (f)
trave (f) longitudinale armata
larguero (m) armado

---

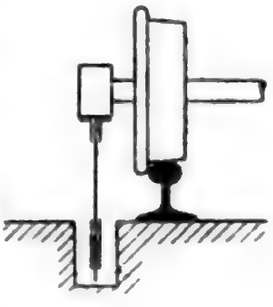
3 Hängewerk (n)
truss rods
tirants (m pl)

a

шпренгель (m)
incavallatura (f)
suspensión (f)

---

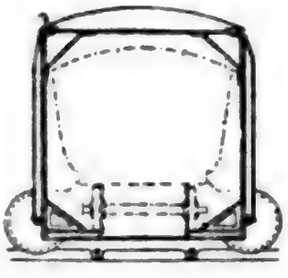
4 einschneidender Querträger (m)
transverse girder running in slot
poutre (f) transfersale *ou* traverse (f) passant dans un caniveau



врѣзающаяся поперечная ферма (f)
trave (f) trasversale . . . .
viga (f) transversal que penetra en la tierra

---

5 Schiebebühne (f) mit Gitterträger
traverser *or* transfer-table with lattice girders
transbordeur (m) à poutres en treillis



передвижная телѣжка (f) съ рѣшетчатой фермой
trasbordatore (m) a travata a traliccio
transbordador (m) de vigas de celosía

---

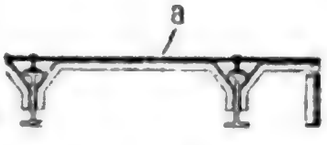
6 Bühne (f), Plattform (f)
platform
plate-forme (f), chariot (m) roulant sans fosse *ou* transbordeur (m)

a

платформа (f)
piattaforma (f)
plataforma (f)

---

7 Bühnenbelag (m)
flooring of platform
tablier (m) de la plate-forme

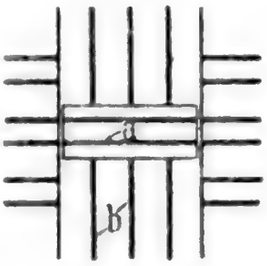


a

настилъ (m) телѣжки
impiantito (m) del trasbordatore
tablero (m) del transbordador

---

8 Bühnengleis (n), Fahrgleis (n) der Bühne
rails on platform
voies (f pl) sur la plate-forme *ou* sur le transbordeur



a

рельсовый путь (m), уложенный на передвижной телѣжкѣ
binario (m) del trasbordatore
vías (f) de la plataforma

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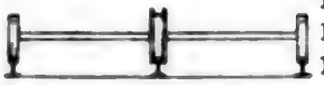
Bühnenbahn (f), Laufgleis (n) der Schiebebühne (f)
line on which the traverser travels
voie (f) de roulement du transbordeur *ou* de la plate-forme

b

путь (m), по которому движется телѣжка
binario (m) di scorrimento del trasbordatore *o* di guida
via (f) de translación del transbordador

1

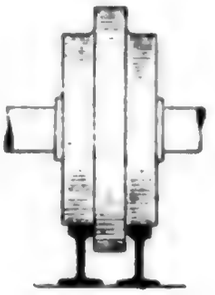
Laufrolle (f), Tragrolle (f)
bearing-roller of traverser *or* transfer table
galet (m)



катокъ (m)
rotella (f) portante
rodillo (m), ruedecilla (f), galete (m)

2

Doppelgleis (n)
double roller-track
voie (f) double



двойной путь (m)
binario (m) doppio
via (f) doble

3

---

die Räder laufen schief
the wheels run skew
les galets roulent obliquement

перекошенный ходъ (m) колёсъ
le rotelle corrono obliquamente
los rodillos rueda n oblicuamente *ó* se desvian al rodar

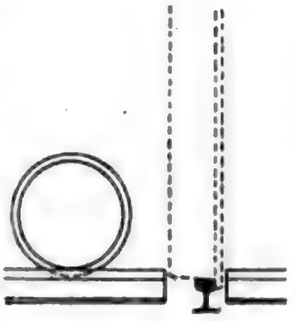
4

Schieflaufen (n) *oder* Ecken (n) der Schiebebühne
skew running of the platform
roulement (m) oblique du transbordeur

неправильный ходъ(m) *или* заѣданіе (n) телѣжки
scorrimento (m) obliquo del trasbordatore
rodamiento (m) oblicuo del transbordador

5

überhöhte Laufschiene (f)
rails of travelling platform raised above line rails
rail (m) [du chariot] surhaussé

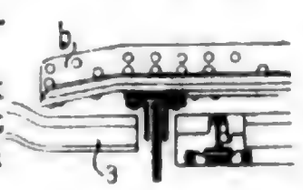


повышенный рельсъ (m) катанія
rotaia (f) di scorrimento sopraelevata
carril (m) peraltado

6

---

flach versenktes Anschlußgleis (n)
sunk connecting track
voie (f) de raccordement placée légèrement en contre-bas



a

полуутоплённый соединительный путь (m)
rotaia (f) di raccordo leggermente abbassata
via (f) de unión ligeramente rebajada

7

---

rampenartige Verlängerung (f) der Fahrschiene
ramp extension of main track
rallonge (f) en forme de rampe du transbordeur *ou* chariot roulant

b

скошенный напускъ (m) рельсовъ телѣжки
prolungamento (m) a rampa del trasbordatore
alargamiento (m) en forma de rampa del transbordador

8

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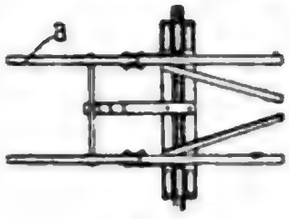
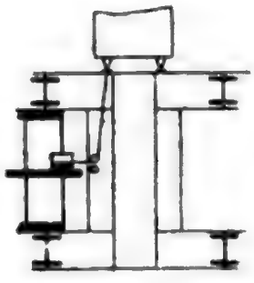
1 Auffahrzunge (f), Auflaufzunge (f)
ramp for climbing travelling platform
aiguille (f) d'accès



a

языкъ (m) для въѣзда
ago (m) d'accesso
aguja (f) de acceso

2 Aufziehvorrichtung (f)
hauling-up device
appareil (m) de traction



приспособленіе (n) для наводки
apparecchio (m) di sollevamento
aparato (m) de tracción

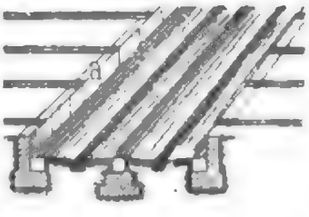
3 die Fahrzeuge aufbringen (v) *oder* aufziehen (v)
to haul-up the vehicles
amener (v) les véhicules sur le transbordeur *ou* chariot roulant

наводить подвижной составъ [на телѣжку]
condurre (v) i veicoli sul trasbordatore
colocar (v) los vehículos sobre el transbordador

4 Aufbringen (n) der Fahrzeuge
hauling-up the vehicles
amenée (f) des véhicules sur le transbordeur *ou* chariot roulant

наводка (f) подвижного состава [на телѣжку]
condurre (v) i veicoli sul trasbordatore
colocación (f) de los vehículos sobre el transbordador

5 Laufgrube (f), Grube (f)
traverser pit
fosse (f) de roulement



яма (f); углубленіе (n)
fossa (f) di traslazione
foso (m) de translación

6 Wangenmauerwerk (n)
string wall of pit
mur (m) de bordure de la fosse

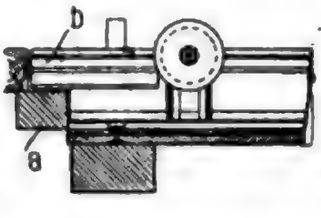
a

каменная кладка (f) [боковыхъ] стѣнокъ
muratura (f) di sponda della fossa
mampostería (f) ó fábrica (f) con salientes ó con retallos

7 Laufgrube (f) mit abgeschrägten Rändern
pit with bottom inclined towards centre
fosse (f) de roulement à bords inclinés

яма (f) со скошенными краями
fossa (f) di scorrimento a sponde a scarpa
foso (m) de rodamiento con bordes biselados ó con bordes en talud

8 Wandstufe (f)
set-off in the string wall
gradin (m) de bordure



a

ступень (f) въ стѣнкѣ
risega (f) di muro
escalón (m) ó gradin (m) ó retallo (m) del muro

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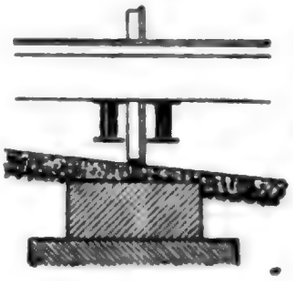
b

Auskragung (f) *oder* Ausklinkung (f) des Längsträgers
overhang of longitudinal girders
porte-à-faux (m) du longeron

выступъ (m) продольной фермы
trave (f) longitudinale
saliente (m) *ó* alero (m) del larguero

1

Einbettung (f) der Schienen in Beton
embedding the rails in concrete
pose (f) des rails dans du béton



укладка (f) рельсовъ въ бетонъ
affondamento (m) delle rotaie in calcestruzzo
colocación (f) de los carriles en hormigón

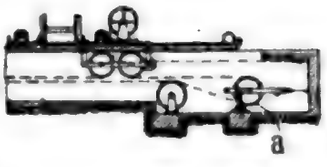
2

Triebwerk (n)
driving gear
mécanisme (m) moteur *ou* de commande

приводный механизмъ (m)
meccanismo (m) motore *o* di comando
mecanismo (m) motor *ó* de accionamiento

3

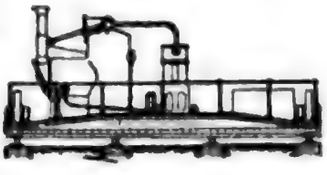
Preßwasserantrieb (m) der Schiebebühne
hydraulic drive of traverser *or* transfer table (A)
commande (f) hydraulique du transbordeur



гидравлическій приводъ (m) передвижной телѣжки
comando (m) idraulico del trasbordatore
accionamiento (m) *ó* mando (m) hidráulico del transbordador

4

Dampfschiebebühne (f), Schiebebühne (f) mit Dampfantrieb von der Bühne aus
traverser driven by travelling steam engine
chariot (m) roulant *ou* transbordeur (m) [automoteur] à vapeur



паровая передвижная телѣжка (f); передвижная телѣжка съ паровой машиной, помѣщенной на самой телѣжкѣ
trasbordatore (m) [automotore] a vapore
transbordador (m) [automotor] de vapor

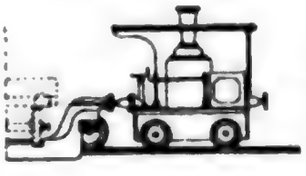
5

Schiebebühne (f) mit ortfestem Dampfantrieb
traverser driven by stationary steam engine
transbordeur (m) *ou* chariot (m) roulant avec commande à vapeur fixe

передвижная телѣжка (f) съ приводомъ отъ постоянной паровой машины
trasbordatore (m) con comando fisso a vapore
transbordador (m) con mando de vapor fijo

6

Schiebebühne (f) mit Lokomotivantrieb
traverser hauled by locomotive
transbordeur (m) *ou* chariot (m) roulant à traction par locomotive



передвижная телѣжка (f) съ паровозным приводомъ
trasbordatore (m) trainato da locomotiva
transbordador (m) acoplado á una locomotora

7

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1	Drahtseilantrieb (m) cable *or* wire-rope drive commande (f) par câble métallique	приводъ (m) посредствомъ проволочнаго каната comando (m) per cavo metallico mando (m) *ó* accionamiento (m) por cable metálico
2	Schiebebühne (f) mit elektrischem Antrieb electrically driven traverser *or* transfer table (A) chariot (m) roulant *ou* transbordeur (m) à commande électrique	передвижная телѣжка (f) съ электрическимъ приводомъ trasbordatore (m) a comando elettrico transbordador (m) con mando eléctrico
3	Führerhaus (n) driver's cab cabine (f) du conducteur	будка (f) для машиниста cabina (f) del condut-tore casilla (f), garita (f) del conductor
4	leere Bühne (f), unbelastete Bühne (f) empty traverser *or* transfer table (A) transbordeur (m) *ou* chariot (m) roulant non chargé	порожняя *или* ненагружённая передвижная телѣжка (f) trasbordatore (m) scarico transbordador (m) vacío
5	belastete Bühne (f) loaded traverser *or* transfer table (A) transbordeur (m) *ou* chariot (m) roulant chargé	нагруженная передвижная телѣжка (f) trasbordatore (m) carico transbordador (m) cargado
6	Bauhöhe (f), Konstruktionshöhe (f) construction depth hauteur (f) d'encombrement	полная *или* строительная высота (f) altezza (f) della costruzione altura (f) total de la plataforma

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VI.

Bahnhof[s]anlagen
Stations
Installations des gares

Устройство станцій
Impianti di stazioni
Instalación de las estaciones

Grundformen und Gleisanordnung
General Arrangement and Arrangement of Lines
Formes principales et disposition des voies

Основныя формы и расположеніе путей
Forme principali e disposizione dei binari *1*
Formas principales y disposición de las vías

Bahnhof (m), Station (f)
station, depot (A)
gare (f), (à voie(s) de garage), station (f) [sans voie(s) de garage]

станція (f); вокзалъ (m)
stazione (f) *2*
estación (f), (muelle (m))

Haltepunkt (m), Halteplatz (m), Haltestelle (f)
roadside station, halt, stop (having no goods siding)
point (m) d'arrêt

остановочный пунктъ (m); остановка (f); станція (f), не имѣющая стрѣлокъ *3*
fermata (f)
parada (f), punto (m) de parada, apeadero (m)

Halbstation (f)
halt, stop (with telegraph office)
halte (f) importante

полустанція (f); полустанокъ (m); телеграфный постъ (m) *4*
fermata (f)
parada (f) importante

Station (f) erster, zweiter . . . . Klasse
first (second) class station
gare (f) *ou* station (f) de première, de deuxième classe etc.

станція (f) перваго, второго . . . . класса
stazione (f) di prima, seconda . . . . classe *5*
estación (f) de primera, segunda . . . . clase

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1 Bedarfshaltestelle (f)
(optional) halt *or* stop point (m) d'arrêt facultatif

платформа (f)
fermata (f) di servizio
parada (f) discrecional

2 Betriebstelle (f)
railway working point
point (m) de manœuvres (installations (f pl) d'une bifurcation importante)

устройства (n pl) для эксплоатаціи отвѣтвленія
punto (m) di manovra
punto (m) de maniobra

3 (einfache, mehrfache) Endstation (f)
terminus *or* terminal station (of a single line, of several lines)
gare (f) *ou* station (f) extrême *ou* terminus *ou* de rebroussement à une *ou* plusieurs voies

оконечная *или* концевая станція (f) (простая, общая для нѣсколькихъ линій)
stazione (f) di estremità *o* di termine
estación (f) extrema *ó* final *ó* de término de una *ó* de varias vías

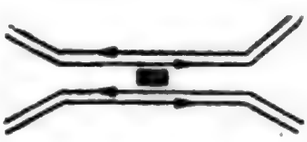
4 Übergangstation (f)
transfer station *or* depot (A)
gare (f) de raccordement *ou* de jonction *ou* de transit

переходная станція (f)
stazione (f) di transito
estación (f) de tránsito

5 (einfache, mehrfache) Zwischenstation (f)
(single *or* multiple line) intermediate station *or* depot (A)
station (f) intermédiaire à une *ou* plusieurs voies

промежуточная станція (f) (простая, узловая)
stazione (f) intermedia (semplice, multipla)
estación (f) intermedia (de una *ó* de varias vías)

6 Berührungsstation (f)
station where two lines run in side by side
gare (f) de contact

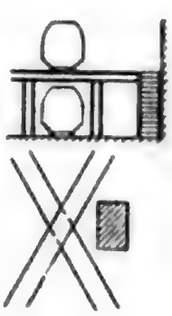


станція (f), общая для двухъ параллельно сходящихся желѣзныхъ дорогъ съ независимымъ другъ отъ друга сквознымъ движеніемъ
stazione (f) di contatto
estación (f) de contacto

7 Kreuzungsstation (f)
crossing station, junction station *or* depot (A)
gare (f) de croisement

станція (f) скрещенія; узловая станція
stazione (f) d'incrociamento
estación (f) de cruce

8 Brückenstation (f), Treppenstation (f), Turmstation (f), zweigeschossiger Bahnhof (m)
combined high and low level station, double deck station *or* depot (A)
gare (f) *ou* station en escalier, gare (f) à deux étages



двухэтажная станція (f)
stazione (f) a due piani
estación (f) de dos pisos

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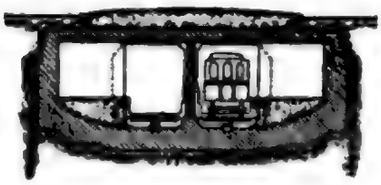
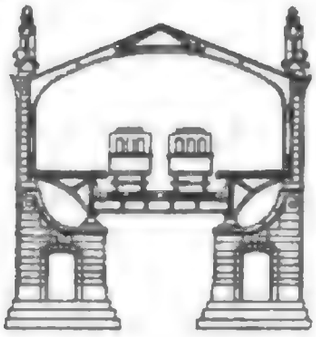
Tunnelhaltestelle (f)
tunnel station
station (f) souterraine



станція (f) подземной дороги
punto (m) di fermata in galleria
estación (f) subterránea
1

Viadukthaltestelle (f)
viaduct station
station (f) surélevée



станція (f) надземной дороги
punto (m) di fermata su viadotto
estación (f) elevada
2

Trennungs- *oder* Gabel- *oder* Anschlußstation (f)
branch-off station *or* depot (A)
gare (f) *ou* station (f) de bifurcation

станція (f) отвѣтвленія; станція для примыкающихъ линій
stazione (f) di diramazione *o* biforcazione
estación (f) de bifurcación
3

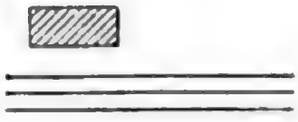
mehrfache Trennungsstation (f), Knotenpunktstation (f)
multiple junction [station]
gare (f) de bifurcation *ou* de jonction à plusieurs directions

узловая станція (f)
stazione (f) di diramazione multipla
estación (f) de bifurcación múltiple, [estación (f) de] punto (m) de unión
4

Kopfbahnhof (m)
terminus, terminal station *or* depot (A)
gare (f) de tête de ligne *ou* terminus *ou* tête (f) de ligne

оконечная *или* тупиковая станція (f)
stazione (f) di testa *o* di regresso
estación (f) de cabeza *ó* de término
5

Kopfgleis (n)
line end
tête (f) des voies



тупиковый путь (m)
binario (m) di testa
extremo (m) de las vías
6

die Gebäude liegen vor Kopf der Gleise
the buildings are arranged across the end of the line
les bâtiments se trouvent en tête des voies

зданія (n pl) расположены поперёкъ путей
i fabbricati si trovano in testa al binario
los edificios se hallan enfrente de los extremos de las vías
7

Durchgangstation (f)
through station *or* depot (A)
gare (f) de passage

промежуточная [проходная] станція (f)
stazione (f) di passaggio
estación (f) de paso
8

vereinigte Kopf- und Durchgangsform (f)
through station with bay platform
gare (f) mixte de passage à rebroussement

проходная форма (f) въ соединеніи съ тупиковой формой
tipo (m) combinato di testa e passaggio
forma (f) terminal y de paso combinada
9

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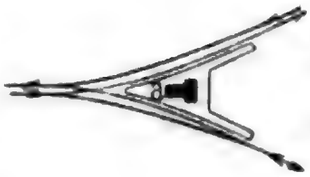
1 Keilstation (f)
station *or* depot (A) arranged in the angle between converging lines
station (f) à l'intersection de voies convergentes *ou* en forme de coin



клиновидная станцiя (f)
stazione (f) a cuneo *od* a freccia
estación (f) en cuña para dos lineas

---

2 Zwickel (m)
triangular space between two converging lines
goulet (m) *ou* pointe (f) de la gare (f)

a

клинъ (m), образуемый сходящимися линiями
punta (f) del cuneo (formato dai binari)
punta (f) de la cuña

---

3 Inselbahnhof (m)
island station *or* depot (A)
gare (f) ilot *ou* d entrevoie *ou* enclavée

островная станцiя (f)
stazione (f) a isola
estación (f) islote

---

4 Inselbahnhof (m) mit Richtungsbetrieb *oder* Inselbetrieb
island station *or* depot (A) with up-traffic on one side and down-traffic on other side of platform
gare (f) ilot *ou* d'entrevoie avec exploitation en île

островная станцiя (f) съ простымъ двупутнымъ движенiемъ
stazione (f) a isola con servizio di direzione
estación (f) islote *ó* con explotación de islote

---

5 Inselbahnhof (m) mit Keilbetrieb *oder* Linienbetrieb
island station *or* depot (A) with up and down traffic at either side of platform
gare (f) ilot *ou* d'entrevoie avec exploitation en coin

островная станцiя (f) съ двупутнымъ движенiемъ по каждую сторону пассажирскаго зданiя
stazione (f) a isola con servizio di linea
estación (f) islote con explotación de cuña

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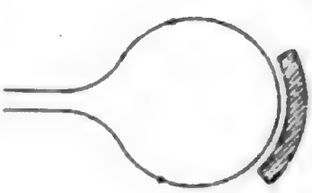
6 Schleifenbahnhof (m)
loop station *or* depot (A)
gare (f) en boucle



станцiя (f) съ петлеобразнымъ расположенiемъ пути
stazione (f) a nastro *o* cappio
estación (f) de lazo

---

7 Gleichlage (f) von Empfangsgebäude und Güterschuppen
arrangement of public rooms and goods shed on one side
positions (f) des gares de voyageurs et de marchandises du même côté de la voie

расположенiе (n) вокзала и пакгаузовъ съ одной стороны
situazione (f) unilaterale della stazione viaggiatori e merci
posición (f) de las estaciónes de viajeros y de mercancías del mismo lado de la via

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Gegenlage (f) von Empfangsgebäude und Güterschuppen
arrangement of public rooms and goods shed opposite each other
position (f) des gares de voyageurs et de marchandises vis-à-vis l'une de l'autre

расположеніе (n) пакгаузовъ противъ вокзала
situazione (f) bilaterale d lla stazione viaggiatori e merci
posición (f) de las estaciones de viajeros y de mercancías una frente de otra

1

Personenbahnhof (m)
passenger station *or* depot (A)
gare (f) à voyageurs

пассажирская станція (f); вокзалъ (m)
stazione (f) [per] viaggiatori
estación (f) para viajeros

2

Auswandererbahnhof (m)
emigrant station
gare (f) d'embarquement des émigrants

станція (f) для переселенцевъ
stazione (f) viaggiatori emigranti
estación (f) para emigrantes

3

Güterbahnhof (m)
goods station, freight yard (A)
gare (f) à marchandises

товарная станція (f)
stazione (f) [per] merci, scalo-merci (m)
estación (f) para mercancías

4

Stückgutbahnhof (m)
parcels *or* packet station *or* depot (A)
gare (f) de messagerie *ou* à charges incomplètes

товарная станція (f) для попудныхъ отправокъ
stazione (f) per colli diversi
estación (f) para bultos

5

Wagenladungsbahnhof (m), Rohgutbahnhof (m)
station for truck loads
gare (f) des matières en en vrac *ou* à charges complètes

станція (f) для повагонныхъ отправокъ
stazione (f) per prodotti greggi
estación (f) para los productos brutos ó para carga por vagones completos

6

Kohlenbahnhof (m)
coal station
gare (f) aux charbons

угольная станція (f)
stazione (f) per carbone
estación(f)para carbones

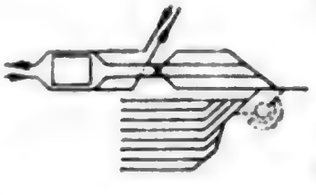
7

Viehbahnhof (m)
cattle station
gare (f) à bestiaux

станція (f) для погрузки скота
stazione (f) di bestiame
estación(f) para ganados

8

Abstellbahnhof (m)
station for sorting trains, station with sorting sidings, gridiron
gare (f) de remisage *ou* de décomposition *ou* de triage



парки (m pl) для пріёма и разборки поѣздовъ; группа (f) запасныхъ путей
stazione (f) di deposito
estación (f) de depósito

9

Vorbahnhof (m)
auxiliary station
gare (f) auxiliaire (de formation *ou* de triage)

a

вспомогательная станція (f)
stazione (f) ausiliare di formazione
estación (f) auxiliar de maniobra y selección

10

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1	Verschiebebahnhof (m), Rangierbahnhof (m) shunting sidings, shunting station *or* depot (A) gare (f) de manœuvre *ou* de triage	сортировочная станцiя (f) stazione (f) di smistamento estación (f) de maniobra *ó* de selección
2	Umladestation (f) transhipping station gare (f) de transbordement	перегрузочная станцiя (f) stazione (f) di transito *o* di raccordo estación (f) de transbordo
3	Betrieb[s]bahnhof (m) station *or* depot (A) for internal traffic gare (f) de mouvement	запасные пути (m pl) и зданiя (n pl) для подвижного состава stazione (f) di servizio (alimentazione, deposito) estación (f) de servicio
4	Werkstättenbahnhof (m) workshop station *or* depot (A) gare (f) des ateliers	зданiя (n pl) для мастерскихъ stazione-officine (f) estación (f) de talleres
5	Grubenbahnhof (m), Zechenbahnhof (m) mine station *or* depot (A) gare (f) de [chemin de fer de] mine	угольная станцiя (f) въ копяхъ stazione (f) per miniere estación (f) de ferrocarril minero
6	Hafenbahnhof (m) harbour station *or* depot (A) gare (f) maritime, gare (f) d'un port (maritime *ou* fluvial)	портовая станцiя (f) stazione (f) di porto estación (f) maritima *ó* de puerto
7	Grenzbahnhof (m) frontier station *or* depot (A) gare (f) [de] frontière	пограничная станцiя (f) stazione (f) di confine estación (f) fronteriza
8	gemeinsamer Bahnhof (m) mehrerer Bahnen joint station *or* depot (A) gare (f) commune à plusieurs lignes	центральный вокзалъ (m) stazione (f) cumulativa *o* stazione (f) limitrofa estación (f) común á varias lineas
9	Hauptbahnhof (m) main *or* central station *or* depot (A), principal station gare (f) centrale, gare (f) principale	главный вокзалъ (m) stazione (f) principale *o* fuori classe estación (f) principal
10	Ortseite (f) des Bahnhofs front of station côté (f) de la gare correspondant à l'endroit à desservir	вокзалъ (m) со стороны селенiя lato (m) *o* versante locale della stazione fachada (f) de la estación que mira al pueblo

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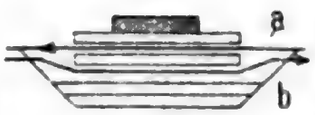
Gegenseite (f) des Bahnhofs back of station côté (f) de la gare opposé à l'endroit à desservir		вокзалъ (m) съ противоположной селенію стороны lato (m) *o* versante (m) opposto della stazione fachada (f) de la estación opuesta al pueblo	1
Gleisanordnung (f) arrangement of lines disposition (f) des voies		расположеніе (n) рельсовыхъ путей disposizione (f) dei binari disposición (f) de las vias	2
Gleisplan (m) plan of lines plan (m) des voies		планъ (m) расположенія рельсовыхъ путей piano (m) dei binari plano (m) de las vias	3
Gleisgruppe (f) group of lines groupe (m) *ou* faisceau de voies	 a	группа (f) путей gruppo (m) di binari grupo (m) de vias	4
Hauptgleis (n) main line voie (f) principale *ou* directe	 a	главный путь (m) binario (m) principale *o* di corsa via (f) principal *ó* directa	5
Nebengleis (n) sidings voie (f) latérale *ou* voie secondaire	b	запасный путь (m) binario (m) secondario via (f) lateral *ó* secundaria	6
versetztes Hauptgleis (n), Hauptgleis (n) mit Achsensprung broken *or* curved main line voie (f) principale déviée *ou* dédoublée		сдвинутый главный путь (m) binario (m) principale spostato via (f) principal desplazada	7
durchgehendes Hauptgleis (n), durchlaufendes Gleis (n) straight main line voie (f) principale (continue)		сквозной главный путь (m) binario (m) principale diretto via (f) principal continua	8
Ausweichegleis (n) turnout voie (f) d'évitement *ou* de garage	a	запасный путь для скрещеній *или* для обгона binario (m) di scambio via (f) de apartadero	9
Gleisausweichung (f) shunting loop, switching track (A) évitement (m) *ou* voie (f) de garage		разъѣздъ (m) scambio (m) del binario apartadero (m) de la via	10

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1 Ausweichestelle (f)
passing place
point (m) d'évitement *ou* de garage

мѣсто (n) разъѣзда
punto (m) di scambio dei treni
punto (m) de apartadero

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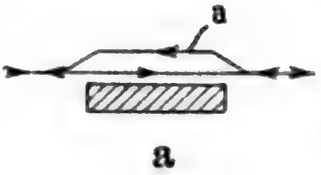
2 Kreuzungsgleis (n)
crossing loop
voie (f) de croisement



путь (m) для скрещеній
binario (m) d'incrocio
vía (f) de cruzamiento

---

3 Spitzkehre (f)
shunt-back
rebroussement (m)

поворотный тупикъ (m)
regresso (m)
retorno (m) brusco, retroceso (m)

---

4 Weichen- *oder* Gleisdreieck (n), Drehbahn (f)
reversing triangle
triangle (m) de raccordement

поворотный треугольникъ (m)
triangolo (m) di raccordo
triángulo (m) de unión

---

5 Zugfolge (f)
strain schedule
succession (f) des trains

слѣдованіе (n) поѣздовъ
in seguito (m) al treno
sucesión (f) de los trenes

---

6 Treffpunkt (m)
meeting point
point (m) de rencontre

мѣсто (n) скрещенія
punto (m) di mèta
punto (m) de encuentro

---

7 Überholung (f) der Züge
passing of trains, trains overtaking each other
dépassement (m) des trains, évitement (m) des trains

обгонъ (m) поѣздовъ
precedenza (f) dei treni
adelanto (m) de otro tren

---

8 einseitiges Überholungsgleis (n)
shunting siding on one side of line, passing loop for one line
voie (f) d'évitement d'un côté de la voie

объѣздной путь (m) *или* обгонный путь, общій для поѣздовъ обоихъ направленій
binario (m) di precedenza unilaterale
vía (f) de apartadero unilateral

---

9 doppelseitiges Überholungsgleis (n)
shunting sidings on both sides of line, passing loops for both lines
voies (f) d'évitement de chaque côté

объѣздные *или* обгонные пути (m pl), спеціальные для каждаго изъ обоихъ направленій слѣдованія поѣздовъ
binario (m) di precedenza bilaterale
vía (f) de apartadero bilateral

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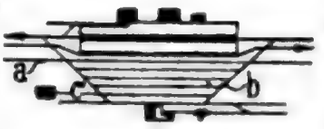
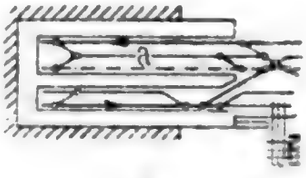
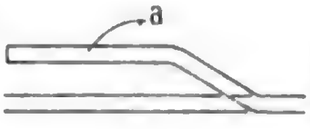
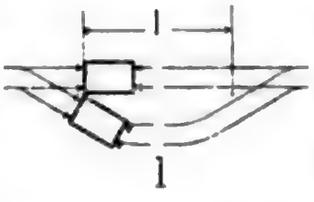
Abstellgleis (n) splitting-up line voie (f) de remisage *ou* de garage		запасный путь (m) binario (m) di deposito via (f) de maniobra *ó* de depósito	*1*
Ausziehgleis (n), Stichgleis (n), Verschiebekopf (m) draw-out track, turn-out [track] voie (f) de formation principale, voie (f) de tiroir	 a	вытяжной путь (m) binario (m) a cassetto *o* di tiraggio via (f) principal de formación	*2*
Aufstellungsgleis (n), Hinterstellungsgleis (n) making-up siding, marshalling siding voie (f) de débranchement	b	сортировочный *или* распредѣлительный путь (m) binario (m) di formazione via (f) de formación	*3*
Durchlaufgleis (n), Laufgleis (n), Verkehrsgleis (n) through [traffic] line voie (f) libre *ou* de circulation	c	тракціонный *или* ходовой путь (m) binario (m) di passaggio via (f) de tráfico libre *ó* de circulación	*4*
Übergabegleis (n) delivery line voie (f) de sortie *ou* de transbordement		передаточный путь (m) binario (m) di trasbordo via (f) de transbordo	*5*
die Gleise auseinanderziehen (v) to open out the lines écarter (v) *ou* riper (v) les voies		раздви-нуть (-гать) пути allontanare (v) i binari separar (v) las vías	*6*
Endweiche (f) end switch aiguille (f) extrême *ou* de sortie	 a	выходная *или* входная стрѣлка (f) scambio (m) d'uscita aguja (f) extrema *ó* de salida	*7*
Zwischenweichenverbindung (f) intermediate switch aiguilles (f pl) intermédiaires *ou* de communication	b	промежуточный переводъ (m) collegamento (m) a scambio intermedio enlace (m) con agujas intermedias	*8*
Spaltungspunkt (m) branching-off point point (m) de bifurcation		точка (f) отвѣтвленія punto (m) di biforcazione punto (m) de bifurcación	*9*
Spaltungsweiche (f) branching off points *or* switch aiguille (f) de bifurcation	a	стрѣлка (f) въ точкѣ отвѣтвленія scambio (m) di biforcazione aguja (f) de bifurcación	*10*
Vereinigungsweiche (f) converging switch aiguille (f) de raccordement *ou* de communication	b	соединительная стрѣлка (f) scambio (m) di riunione aguja (f) de unión	*11*

1	Spaltungskreuzung (f) crossing croisement-bifurcation (m)	c	крестообразное пересѣченіе путей въ мѣстѣ отвѣтвленія incrociamento (m) di biforcazione cruzamiento-bifurcación (m)
2	Trennungspunkt (m) point of divergence point (m) de bifurcation		точка (f) раздѣла punto (m) di biforcazione punto (m) de bifurcación
3	Trennungsweiche (f) diverging switch aiguille (f) de bifurcation	a	стрѣлка (f) въ точкѣ *или* въ мѣстѣ раздѣла scambio (m) di biforcazione aguja (f) de bifurcación
4	Anschlußweiche (f) converging switch aiguille (f) de raccordement *ou* de communication	b	стрѣлка (f) въ точкѣ примыканія scambio (m) d'allacciamento aguja (f) de enlace
5	Teilungsweiche (f) switch changing from single to double line aiguille (f) de dédoublement	a	стрѣлка (f) въ мѣстѣ развѣтвленія scambio (m) di sdoppiamento aguja (f) de desdoblamiento
6	Rücklaufgleis (n) return track voie (f) de retour	 a	путь (m) для обратной подачи binario (m) di ritorno via (f) de retorno
7	schienenfreie Abzweigung (f) flying junction jonction (f) provisoire		временное отвѣтвленіе (n) biforcazione (f) provisoria bifurcación (f) provisional
8	Sackgleis (n), Gleisstumpf (m), totes Gleis (n), Stutzgleis (n), Stockgleis (n), Stumpfgleis (n) dead-end siding voie (f) en cul de sac	 a	тупиковый путь (m) binario (m) cieco *o* morto via (f) muerta *ó* perdida
9	nutzbare Gleislänge (f) effective length of line longueur (f) utile de la voie	 l	полезная длина (f) путей lunghezza (f) utile del binario longitud (f) útil de la vía
10	Ablenkungsweiche (f), Schutzweiche (f) safety switch aiguille (f) de sûreté	a	отводная стрѣлка (f) scambio (m) di sicurezza aguja (f) de seguridad

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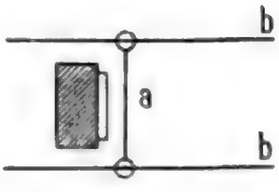
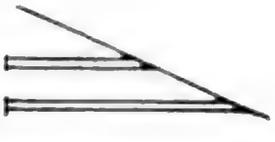
Ablenkungsgleis (n), Rettungsgleis (n), Fanggleis (n) trap siding, safety track, spur voie (f) de sûreté	b	отводной путь (m) binario (m) di sicurezza vía (f) de seguridad	1
Entgleisungsweiche (f) derailing points aiguille (f) de déraillement	 a	предохранительная стрѣлка (f) противъ схода съ рельсовъ; предохранительный тупикъ (m) scambio (m) di sviamento aguja (f) de descarrilamiento	2
Personengleis (n) passenger line voie (f) des wagons à voyageurs		пассажирскій путь (m) binario (m) viaggiatori vía (f) para coches de viajeros	3
Güter[haupt]gleis (n) goods *or* freight line voie (f) des wagons à marchandises	 a	товарный путь (m) binario (m) per merci vía (f) para vagones de mercancías	4
Lokomotivgleis (n) engine line voie (f) pour locomotives		паровозный путь (m); тракціонный путь binario (m) locomotive vía (f) para locomotoras	5
Ladeplatz (m), Ladestelle (f) loading station *or* dock embarcadère (m), quai (m) de chargement		товарная платформа (f) posto (m) di carico embarcadero (m), muelle (m) de carga	6
Ladegleis (n) loading siding voie (f) transversale de chargement *ou* de déchargement	a	погрузочный путь (m) binario (m) di carico vía (f) de carga	7
Zufuhrgleis (n) leading-in and out lines voie (f) d'accés	b	подъѣздной путь (m) binario (m) d'accesso vía (f) de llegada ó de acceso	8
Umladegleis (n), Überladegleis (n) transhipping line voie (f) de transbordement		перегрузочный путь (m) binario (m) di scarico vía (f) de transbordo	9
Freiladegleis (n), Wagenladungsgleis (n) siding for loading trucks voie (f) des cours à marchandises		путь (m) для навалочныхъ грузовъ binario (m) per carico di prodotti vía (f) de carga para mercancías confundibles	10

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1	einseitige Ladestraße (f), Ladestraße (f) mit einseitigem Ladegleis road with loading track on one side quai (m) de chargement (*ou* dechargement) avec voie latérale	подъѣздная дорога (f) съ расположенными съ одной стороны погрузочными путями via (f) di scarico da una sola parte muelle (m) de carga (*ó* de descarga) con via lateral
2	zweiseitige Ladestraße (f), Ladestraße (f) mit zweiseitigem Ladegleis road with loading track on both sides quai (m) de chargement (*ou* déchargement) avec voie de part et d'autre	подъѣздная дорога (f) съ расположенными съ двухъ сторонъ погрузочными путями via (f) di scarico da due parti muelle (m) de carga (*ó* de descarga) con via á ambos lados
3	Prellpfahl (m) bumping post poteau (m) de garde	тумба (f); надолба (f) palo (m) a rifinto *o* d'arresto poste (m) de guarda
4	verschränkte Lage (f) der Aufstellgleise cross-position of sidings *or* side-tracks (A) voies (f pl) de formation *ou* triage croisées *ou* entrelacées	скрещенные сортировочные пути (m pl) posizione (f) di impianto di binario vías (f pl) de formación entrelazadas
5	halbverschränkte Lage (f) der Aufstellgleise half-cross-position of sidings *or* side-tracks (A) voie (f pl) de triage *ou* de formation à demi croisées *ou* entrelacées	полускрещенные сортировочные пути (m pl) posizione (f) semirilacciata di impianto di binario vías (f pl) de formación semicruzadas
6	Gleisengpaß (m) bottle neck goulot (m) *ou* voie (f) unique précédant un faisceau	вытяжной путь (m); путь, соединяющій сортировочные и запасные пути gola (f) da binario via (f) única que precede á un haz de vías
7	Gleishals (m) bottle neck goulot (m)	мѣсто (n) схожденія путей collo (m) del binario via (f) única que precede á un haz de vías
8	rostförmiger Bahnhof (m) grate-like arrangement of tracks gare (f) en forme de gril	[сортировочная] станція (f) съ развитіемъ путей по обѣ стороны вытяжного пути stazione (f) a forma di graticola estación (f) en forma de rejilla

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spindelförmiger Bahnhof (m)
gridiron arrangement of tracks
gare (f) en forme de fuseau

[сортировочная] станція (f) съ развитіемъ путей въ одну сторону отъ вытяжного пути
stazione (f) a forma di ago
estación (f) en forma de huso

1

Verschiebegleis (n)
shunting siding, switching track (A)
voie (f) de triage

маневровый путь (m)
binario (m) di smistamento *o* di manovra
via (f) de maniobra

2

Einfahrgleis (n), Einlaufgleis (n), Anfahrgleis (n)
arrival line
voie (f) d'entrée *ou* d'arrivée

путь (m) прибытія; пріёмочный путь
binario (m) di entrata (per treni merci)
via (f) de entrada *ó* de llegada

3

Einfahrgleisgruppe (f)
receiving yard
groupe (f) *ou* faisceau (m) des voies d'arrivée

группа (f) входныхъ путей
grippo (m) di binari d'entrata
haz (m) de las vías de llegada

4

Ausfahrgleis (n), Auslaufgleis (n), Abfahrgleis (n)
departure line
voie (f) de sortie *ou* de départ

отправочный путь (m); путь отправленія
binario (m) di uscita (per treni merci)
via (f) de salida *ó* partida

5

Zerlegungsgleis (n)
siding track for breaking up trains
voie (f) de décomposition

сортировочный путь (m)
binario (m) di scomposizione *o* di imistamento
via (f) de descomposición

6

Richtungsgleis (n)
cross-over from up to down line
voie (f) de triage suivant la direction

выкидной путь (m) для сортировки вагоновъ по направленіямъ
binario (m) di composizione secondo direzioni
via (f) para disponer los vagones segun las direcciones

7

Stations[ordnungs]gleis (n)
marshalling track
voie (f) de triage suivant les gares *ou* voie (f) de classement

выкидной путь (m) для сортировки вагоновъ по станціямъ назначенія
binario (m) di composizione secondo stazioni
via (f) para colocar los vagones segun las estaciones

8

Sammelgleis (n)
gathering *or* collecting line
voie (f) de formation

сборочный путь (m)
binario (m) collettore
via (f) colectora

9

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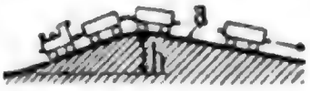
Umsetzgleis (n) siding for setting back an engine (*or* a truck), 1 siding for reversing position of engine voie (f) de passage de tête en queue	 a	ходовой путь (m) binario (m) per scambio di posizione vía (f) para hacer pasar la locomotora al otro extremo del trén
Gleisharfe (f), Gleisrost (m) 2 gridiron siding, sorting gridiron faisceau (m) de voies *ou* grille (f)	 a	группа (f) путей въ видѣ арфы *или* рѣшётки *или* колосниковъ grigliato (m) di binari emparrillado (m) de vía
Harfengleis (n) 3 arrival line to gridiron voie (f) de la grille	a	арфовый путь (m) binario (m) di grigliato vía (f) transversal del emparrillado
einfache Harfe (f) 4 single gridiron grille (f) simple		простая арфа (f) grigliato (m) semplice emparrillado (m) simple
Doppelharfe (f) 5 double gridiron, balloon sidings grille (f) double		двойная арфа (f) grigliato (m) doppio emparrillado (m) doble
Verschieben (n) durch Schwerkraft 6 gravity switching (A) triage (m) à la gravité		сортировка (f) [вагоновъ] силою тяжести smistare(v), smuovere(v) per mezzo della gravità formación (f) por [la acción de] la gravedad
Verschiebebahnhof (m) mit durchgehender Neigung 7 gravity yard gare (f) de triage par la gravité		сортировочная станція (f) со сплошнымъ уклономъ stazione (f) di smistamento estación (f) de maniobra por la [acción de la] gravedad
Ablaufanlage (f) running-down plant 8 disposition (f) en dos d'âne		устройство (n) наклоннаго вытяжного пути съ двустороннимъ скатомъ impianto (m) di smistamento *o* di scorrimento *o* di smovimento disposición (f) en albardilla
Ablaufberg (m), Eselsrücken (m), Ablaufrücken (m) 9 double incline, cat's back, hump (A) dos (m) d'âne	 a h	вытяжной путь (m) съ двустороннимъ скатомъ; [ослиный горбъ (m)] schiena (f) d'asino albardilla (f)
Ablaufgleis (n) 10 falling track of double incline voie (f) en dos d'âne	a	наклонный вытяжной путь (m) binario (m) di lanciamento vía (f) en pendiente *ó* en bajada

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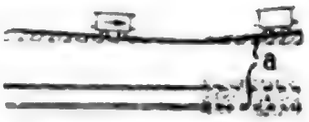
Ablaufhöhe (f)
height of double incline
hauteur (f) du dos d'âne

h

высота (f) ската
altezza (f) di lanciamento
altura (f) de la inclinación

1

Verlaufgleis (n)
counter-grade siding
voie (f) en contre-pente (pour l'arrêt des wagons)

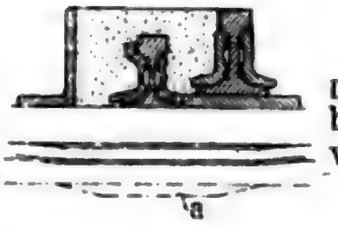


a

путь (m) съ подъёмомъ
binario (m) d'arresto (a contro pendenza)
via (f) en contra-pendiente (para detener los vagones)

2

Sandgleis (n)
sand siding, sanded siding
voie (f) sablée (d'arrêt)



a

песочный путь (m)
binario (m) insabliato
via (f) enarenada

3

Rollbockgrube (f)
trolley pit
fosse (f) pour chariot *ou* truc transbordeur *ou* pour transporteur (entre voies large et étroite)

канава (f) для транспортныхъ телѣжекъ [служащихъ для перевозки вагоновъ нормальной колеи по узкоколейному пути]
fossa (f) di trasbordo tracarri su binario di scartamento differente
foso (m) para transbordador (entre vías anchas y estrechas)

4

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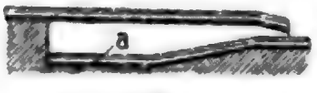
versenktes Schmalspurgleis (n)
sunk narrow gauge track
voie (f) à faible écartement dans une fosse



a

узкоколейный путь (m) въ канавѣ
binario (m) a scartamento ridotto infossato
via (f) estrecha en un foso

5

Bahnhof[s]planum (n)
area of station covered by tracks
surface (f) de gare couverte par les voies

площадь (f) станціи, занятая путями
superficie (f) della stazione coperta di binari
superficie (f) de la estación cubierta por las vías

6

Bauliche Anlagen der Bahnhöfe
1 **Station Buildings**
Bâtiments des gares

Станціонныя постройки
Fabbricati delle stazioni
Edificios de las estaciones

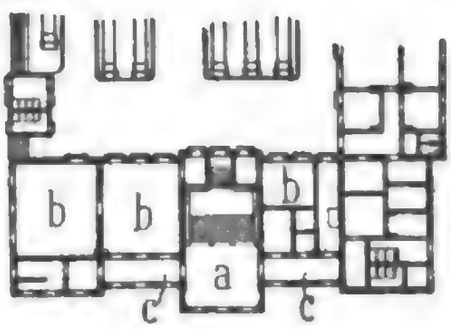
1. Anlagen für den Personen- und Gepäckverkehr
Plants for the Passenger
2 **and Luggage Traffic**
Bâtiments et installations du service des voyageurs et des bagages

Устройства для перевозки пассажировъ и багажа
Edifici pel servizio viaggiatari e bagagli
Edificios y instalaciones para viajeros y el servicio de equipajes

Bahnhof[s]hochbauten (f pl)
3 station buildings
bâtiments (m pl) de la gare

станціонныя постройки (f pl)
fabbricati (m pl) della stazione
edificios (m pl) de la estación

Empfangsgebäude (n), Aufnahm[s]gebäude (n), Stationsgebäude (n)
4 station buildings, public rooms
bâtiment (m) [du service] des voyageurs



пассажирское зданіе (n); вокзалъ (m)
fabbricato (m) viaggiatori
edificio (m) [para el servicio] de los viajeros

Eingangshalle (f), Vorhalle (f) [Vestibül (n)]
5 entrance hall, lobby
vestibule (m)

a

вестибюль (m); сѣни (f pl)
vestibolo (m), atrio (m)
vestibulo (m)

Wartesaal (m), Warteraum (m)
6 waiting room
salle (f) d'attente

b

пассажирскій залъ (m)
sala (f) d'aspetto
sala (f) de espera

Damenzimmer (n)
ladies room
7 salle (f) d'attente *ou* salon (m) pour les dames

дамская уборная (f); комната (f) для дамъ
sala (f) d'aspetto per signore
sala (f) de espera para señoras

Durchgangsflur (m)
8 corridor
couloir (m), corridor (m)

c

корридоръ (m)
corridoio (m) di passaggio
corredor (m), pasillo (m)

Waschraum (m)
9 lavatory, toilet saloon
cabinet (m) de toilette,

уборная (f); туалетъ (m); туалетная комната (f)
toilette (f), toeletta (f)
lavabo (m), cuarto (m) de aseo

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Lichthof (m) small court yard cour (f) vitrée	помѣщеніе (n) съ верхнимъ свѣтомъ cortile (m) a vetri, lucernaio (m) patio (f) cubierto [con cristales]	1
Stationsdienstraum (m), Fahrdienstzimmer (n), Platzinspektion (f) station office bureau (m) des services de la gare	контора (f) для станціонной службы ufficio (m) del movimento oficinas (f pl) de la estación	2
Dienstraum (m) des Stationsvorstehers station master's office bureau (m) du chef de gare	контора (f) начальника станціи ufficio (m) capostasione despacho (m) del jefe de estación	3
Bahnpostamt (n) railway post office bureau (m) de poste de la gare	почтовое отдѣленіе (n) на станціи *или* на вокзалѣ ufficio (m) postale oficina (f) de correos de la estación	4
Postdienstraum (m) post office bureau (m) du service postal	почтовое отдѣленіе (n); почтовая контора (f) ufficio (m) postale oficina (f) del servicio postal ó del servicio de correos	5
Telegraphenraum (m) telegraph office bureau (m) du télégraphe	телеграфъ (m); телеграфное отдѣленіе (n) ufficio (m) telegrafico oficina (f) de telégrafos	6
Verwaltungsraum (m) manager's *or* administration office bureau (m) de l'administration	помѣщеніе (n) правленія ufficio (m) d'amministrazione oficina (f) de administración	7
Dienstwohnung (f) officials' residence habitation (f) de service	служебная квартира (f) alloggio (m) di servizio habitación (f) de servicio	8
Dienstwohngebäude (n) officials' dwelling house bâtiment (m) d'habitation pour le service	домъ (m) съ квартирами *или* жилыми помѣщеніями для служащихъ fabbricato (m) alloggi [di servizio] edificio (m) para habitaciones de servicio	9
Sommerhalle (f), offene Halle (f) open hall *or* arcade halle (f) ouverte	лѣтняя платформа (f); открытая платформа tettoia (f) aperta sala (f) abierta	10

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1 Bahnhofwirtschaft (f), Bahnhofrestauration (f)
station restaurant, refreshment room
restaurant (m) *ou* buffet (m) de la gare

станціонный буфетъ (m)
ristorante (m) *o* caffè (m) della stazione
restorán (m), fonda (f) de la estación

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2 Schalterhalle (f)
booking hall
salle (f) des guichets *ou* des pas perdus

залъ (m) *или* зало (n) съ кассами
atrio (m) per la vendita dei biglietti
sala (f) de las taquillas

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3 Fahrkartenausgabestelle (f)
booking office, ticket office
bureau (m) de vente *ou* de distribution des billets

контора (f) *или* бюро (n) для выдачи билетовъ
biglietteria (f), ufficio (m) dei biglietti
oficina (f) para la expendición de billetes

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4 Fahrkartenschalter (m)
booking office window
guichet (m) de vente *ou* de distribution des billets

билетная касса (f)
sportello (m) biglietti
taquilla (f) para la expendición de billetes

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5 Fahrkartenschrank (m)
ticket case
casier (m) à billets

билетный шкафъ (m)
scaffale (m) *o* stipo (m) a biglietti
estante (m) para billetes

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6 Fahrkartenstempel (m)
ticket stamping machine
appareil (m) à marqueo *ou* à timbrer les billets

компостеръ (m)
timbro (m) a biglietti
aparato (m) para timbrar billetes

---

7 Gepäckabfertigung (f)
registration of luggage *or* baggage (A)
enregistrement (m) *ou* expédition (f) des bagages

багажное отдѣленіе (n)
consegna (f) [di] bagagli
registro (m) de los equipajes

---

8 Abfertigungsstelle (f)
luggage *or* baggage (A) office
bureau (m) des départs service (f) des expéditions

контора (f) отправленій
posto (m) per la consegna dei bagagli
oficina (f) de registro

---

9 Handgepäck (n)
hand luggage *or* baggage (A)
bagages (m pl) à la main

ручной багажъ (m)
bagaglio (m) a mano
equipajes (m pl) de mano

---

10 Gepäckschalter (m), Gepäckannahmestelle (f)
luggage registration window, luggage *or* baggage (A) registration office
guichet (m) des bagages, bureau (m) des bagages au départ *ou* de l'enrégistrement des bagages

багажная касса (f), помѣщеніе (n) для пріёма багажа; пріёмъ (m) багажа
sportello (m) [per la] consegna di bagagli, ufficio (m) consegna bagagli
despacho (m) de equipajes, oficina (f) para la facturación de equipajes

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Gepäckaufbewahrungsstelle (f)
cloak room, baggage room (A)
dépôt (m) des bagages *ou* consigne (f)

помѣщеніе (n) для храненія багажа
deposito (m) [di] bagagli *1*
depósito (m) de equipajes

Gepäcktisch (m)
luggage counter
comptoir (m) de livraison des bagages

столъ (m) для багажа
tavolo (m) per la consegna *o* visita [dei] bagagli *2*
mesa (f) de equipajes

Regal (n) für Beklebezettel
luggage label case
rayons (m pl) pour les étiquettes

полка (f) для храненія ярлыковъ
scaffale (m) *o* stipo (m) per incollare le vignette *3*
estante (m) para etiquetas

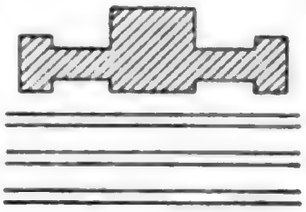
Trägerraum (m)
porters' room
salle (f) des porteurs de bagage *ou* facteurs *ou* commissionaires

помѣщеніе (m) *или* комната (f) для носильщиковъ
spozio (m) *o* luogo dei fattorini *4*
sala (f) de mozos de estación

Lampenputzraum (m)
lamp room
lampisterie (f)

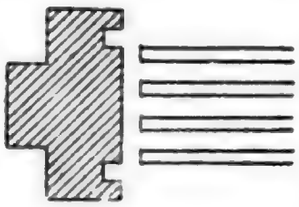
ламповая (f); ламповая комната (f)
lampisteria (f) *5*
lampistería (f)

Seitenlage (f) *oder* Längslage (f) des Gebäudes
lateral arrangement of station buildings
position (f) latérale *ou* longitudinale du bâtiment



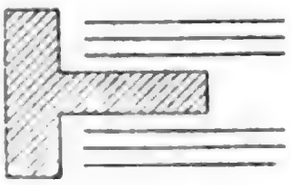
продольное расположеніе (n) зданія
posizione (f) laterale *o* longitudinale del fabbricato *6*
situación (f) lateral *ó* longitudinal del edificio

Querlage (f) des Gebäudes
transverse arrangement of station buildings
position (f) transversale du bâtiment



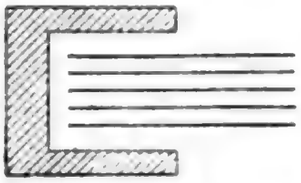
поперечное расположеніе (n) зданія
posizione (f) traversale *o* di testa del fabbricato *7*
situación (f) transversal del edificio

Halbinsellage (f) des Gebäudes
T-shaped building between the lines
disposition (f) en T du bâtiment des recettes



пассажирское зданіе (n) съ полуостровнымъ расположеніемъ
posizione (f) a penisola del fabbricato *8*
disposición (f) en T del edificio

Umschließungsbahnhof (m), Umfassungsbahnhof (m)
station *or* depot (A) enclosing the lines
gare (f) encadrant les voies



оконечная *или* тупиковая сомкнутая станція (f)
stazione (f) [con fabbricato] ad U *9*
estación (f) cerrada

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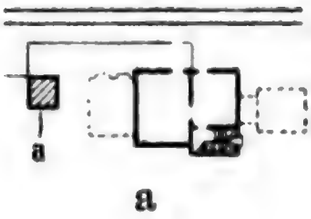
1 Nebengebäude (n)
annexes, outbuildings
annexe (f), dépendances (f pl)



второстепенныя зданія (n pl); службы (f pl)
fabbricati (m pl) annessi
anexo (m), edificio (m) secundario, dependencias (f pl)

---

2 Aufenthaltsgebäude (n)
railway servants' room
bâtiment (m) d'attente du personnel

зданіе (n) для отдыха служащихъ
fabbricato (m) d'aspetto
edificio (m) de descanso para el personal de servicio

---

3 Übernachtungsgebäude (n)
sleeping room
dortoir (m), bâtiment (m) de logement de nuit

зданіе (n) для ночёвки служащихъ
dormitorio (m)
dormitorio (m), edificio (m) para alojamiento nocturno

---

4 Eisenbahnhotel (n)
railway-hotel
hôtel (m) dépendant de la gare

гостинница (f) при вокзалѣ
albergo (m) ferroviario *o* presso la ferrovia
hotel (m) de la estación

---

5 Zollgebäude (n)
customs-house
bâtiment (m) de la douane

таможенное зданіе (n)
fabbricato (m) della dogana, dogana (f)
edificio (m) de la aduana

---

6 Bahnmeisterschuppen (m)
forman's shed
hangar (m) du surveillant de la voie

сарай (m) для ремонтнаго инструмента
tettoia (f) sorveglianti ferroviari
cobertizo (m) del guardavías

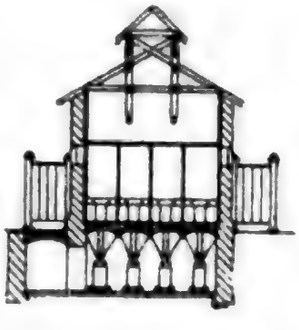
---

7 Bahnmeisterhaus (n)
forman's house
habitation (f) du surveillant de la voie

домъ (m) дорожнаго мастера; путевая казарма (f)
abitazione (f) per sorveglianti ferroviari
caseta (f) del guardavías

---

8 Abortanlage (f)
water-closets, W. C., lavatory
latrines (f pl), lieux (m pl) d'aisance, cabinets (f pl) d'aisance *ou* water closets (m pl)



ретирадъ (m); отхожее мѣсто (n)
latrine (f pl), cessi (m pl) ritirate (f pl)
letrinas (f pl), retretes (m pl), urinarios (m pl)

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Bahnsteig (m), Perron (m)
platform
quai (m) *ou* trottoir (m)

пассажирская платформа (f); перронъ (m)
marciapiede (m), banchina (f)
andén (m) 1

Bahnsteigkante (f)
edge of platform
bordure (f) du quai

a

край (m) платформы
orlo (m) del marciapiede
borde (m) del andén 2

Bahnsteigbelag (m)
platform floor covering
revêtement (m) du quai, pavage (m) du quai

a

платформенный полъ (m); настилъ (m) платформы
impiantito (m) del marciapiede
revestimiento (m) del andén 3

Bordschwelle (f), Randstein (m)
curb, platform coping
bordure (f)

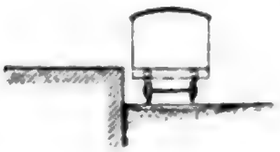
b

бортовый брусъ (m) платформы
lungherina (f) di ciglio
adoquin (m), bordillo (m), encintado (m) 4

tiefliegender Bahnsteig (m)
low platform
quai (m) au niveau des rails

низкая платформа (f)
marciapiede (m) situato in basso
muelle (m) al nivel de los carriles 5

hochliegender Bahnsteig (m)
high platform
quai (m) surélevé



высокая платформа (f)
marciapiede (m) situato in alto
muelle (m) elevado 6

Ausladung (f) des Bahnsteigs
overhang of platform
saillie (f) *ou* encorbellement (m) du quai

выступъ(m)платформы
scarico (m) sul marciapiede ferroviario
saliente (m) del muelle 7

Spielraum (m) zwischen Trittbrett und Bahnsteig
clearance of platform
intervalle (m) entre le marchepied et le trottoir

разстояніе (n) между ступенькою и платформою
ginoco (m) fra il predellino ed il marciapiede della ferrovia
intervalo (m) entre el estribo y el andén 8

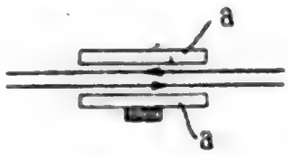
Bahnsteig (m) mit einseitigem Quergefälle
platform inclined one way
quai (m) incliné d'un seul côté

платформа (f) съ односторонним уклономъ
marciapiede (m) con inclinazione unilaterale
andén (m) de declive unilateral 9

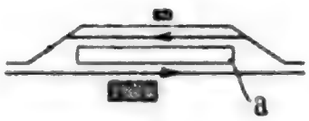
Bahnsteig (m) mit zweiseitigem Quergefälle
platform inclined both ways
quai (m) à double inclinaison *ou* en dos d'âne

двускатная платформа (f)
marciapiede (m) con inclinazione bilaterale
andén (m) de declive bilateral 10

1	offener Bahnsteig (m) open *or* uncovered platform quai (m) découvert	открытая платформа (f) marciapiede (m) scoperto andén (m) descubierto
2	überdachter Bahnsteig (m) covered platform quai (m) couvert	крытая платформа (f) marciapiede (m) coperto andén (m) cubierto
3	Außen[bahn]steig (m), Gegensteig (m) side platform quai (m) extérieur	внѣшняя платформа (f); платформа главнаго пути marciapiede (m) esterno andén (m) exterior
4	Inselbahnsteig (m), Mittelbahnsteig (m) island platform quai (m) d'entrevoie	промежуточная платформа (f) marciapiede (m) intermedio andén (m) intermedio ó de entrevía
5	Längsbahnsteig (m) longitudinal platform quai (m) longitudinal	продольная платформа (f) marciapiede (m) longitudinale andén (m) longitudinal
6	Kopfbahnsteig (m), Querbahnsteig (m) transverse *or* end platform quai (m) de tête, quai (m) transversal	поперечная платформа (f) marciapiede (m) di testa, marciapiede (m) trasversale andén (m) de cabeza, andén (m) transversal
7	Zungenbahnsteig (m) platform extending between the lines quai (m) entre les voies *ou* en U	тупиковая платформа (f) marciapiede (m) a freccia andén (m) entre las vías ó en U
8	Keilbahnsteig (m) island platform at junction quai (m) en coin, *ou* en triangle	клинообразная платформа (f) marciapiede (m) cuneiforme andén (m) en forma de cuña
9	Hauptbahnsteig (m) main platform quai (m) principal	главная платформа (f) marciapiede (m) principale andén (m) principal
10	Nebenbahnsteig (m) branch platform quai (m) secondaire	второстепенная платформа (f) marciapiede (m) secondario andén (m) secundario



a



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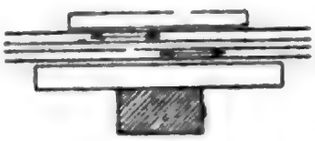
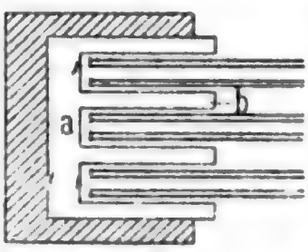
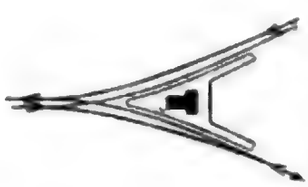
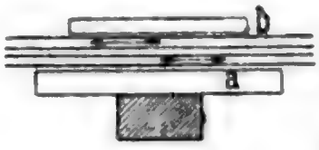




a

b





a

b

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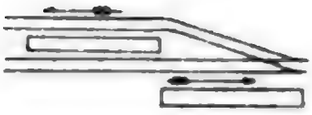
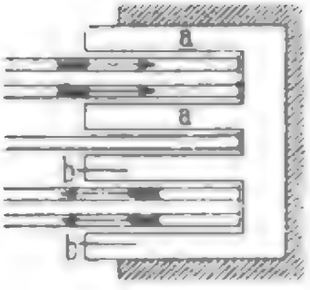
die Bahnsteige verschränken (v) *oder* versetzen (v)
end-to-end platforms alterner (v) les quais



сдвинуть платформы относительно другъ друга
spostare (v) i marciapiedi l'uno rispetto all'altro
deplazar (v) los andenes, los unos con relación á los otros

1

Ankunft[s]bahnsteig (m)
arrival platform
quai (m) d'arrivée



a

платформа (f) для прибывающихъ поѣздовъ; [дебаркадеръ (m)]
marciapiede (m) d'arrivo *o* arrivi
desembarcadero (m), andén (m) de llegada

2

Abfahrt[s]bahnsteig (m)
departure platform
quai (m) de départ

b

платформа (f) для отправленія поѣздовъ; [амбаркадеръ (m)]
marciapiede (m) di partenza *o* partenze
embarcadero (m), andén (m) de salida

3

Bahnsteigverbindung (f) in Schienenhöhe
level crossing between platforms
passage (m) des quais à niveau

соединеніе (n) платформъ въ уровнѣ рельсъ; переходъ (m) между платформами въ уровнѣ рельсъ
comunicazione (f) tra marciapiedi a livello delle rotaie
comunicación (f) de los andenes al mismo nivel de la vía

4

Bohlenbelag (m)
plank covering, plank crossing
revêtement (m) en madriers

досчатый *или* брусчатый настилъ (m)
pavimento (m) di tavole
revestimiento (m) de maderas

5

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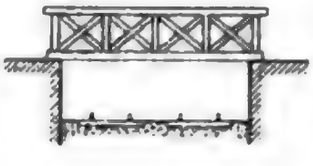
fliegende Bahnsteigbrücke (f)
platform gangway
quai (m) au niveau du sol



съёмные мостки (m pl) для перехода съ одной платформы на другую
marciapiede (m) in terreno rialzato
andén (m) al nivel del suelo

6

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verschiebbarer Bahnsteig (m)
movable platform
plate-forme (f) mobile

передвижная платформа (f)
marciapiede (m) scambiabile
plataforma (f) móvil

7

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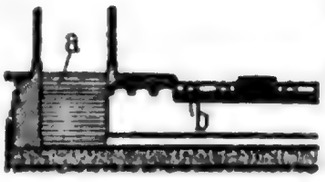
schienenfreier Zugang (m) zu den Bahnsteigen
1 access to platforms without crossing the rails
accès (m) aux quais sans traversée de rails

проходъ (m) къ платформамъ, непересѣкающій рельсы
accesso (m) ai marciapiedi senza traversata dei binari
acceso (m) á los andenes sin atravesar los carriles

Bahnsteigtunnel (m)
subway
2 passage (m) souterrain *ou* tunnel (m) d'accès aux quais



платформенный тоннель (m)
galleria (f) *o* sottopassaggio (m) d'accesso ai marciapiedi
túnel (m) de acceso á los andenes

Tunneltreppe (f)
3 staircase from subway to platform
escalier (m) du tunnel

a

лѣстница (f) тоннеля
scala (f) della galleria *o* sottopassaggio
escalera (f) del túnel

Tunneldecke (f)
roof *or* ceiling of subway
4 plafond (m) *ou* voûte (f) du tunnel

b

тоннельное перекрытіе (n)
soffitto (m) della galleria
techo (m) del túnel

Personentunnel (m)
passenger tunnel *or* subway
5 tunnel (m) à voyageurs

пассажирскій тоннель (m)
galleria (f) per viaggiatori
túnel (m) para viajeros

Gepäcktunnel (m)
luggage tunnel
6 tunnel (m) à marchandises

багажный тоннель (m)
galleria (f) per il servizio bagagli
túnel (m) para equipajes

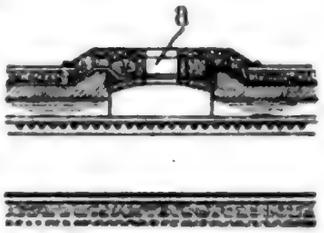
Posttunnel (m)
postal *or* mail (A) tunnel
7 tunnel (m) pour le service de la poste

почтовый тоннель (m)
galleria (f) per il servizio postale
tunel (m) [para el servicio] de correos

Wirtschaftstunnel (m)
service tunnel
8 passage (f) souterrain pour le service du restaurant

буфетный тоннель (m)
galleria (f) per il servizio di ristorante
túnel (m) [para el servicio] del restorán

Lichtschacht (m)
lighting-well
9 lanterneau (m) d'éclairage



свѣтовой колодезь (m)
lucernario (m), apertura (f) di rischiaramento
claraboya (f) de alumbrado

Oberlichtverglasung (f)
skylight windows
10 dallage (m) en verre par dessus

a

остекленіе (n) свѣтового колодца
copertura (f) a giorno
vidrios (m pl) de la claraboya

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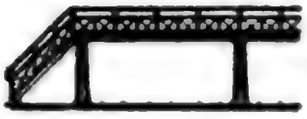
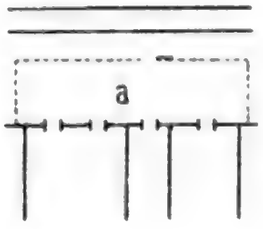
Bahnhofsteg (m), Übergangsteg (m), Bahnsteigbrücke (f)
line bridge, passenger foot-bridge
passerelle (f) de gare, passage (f) aérien *ou* par dessus



переходный мостикъ (m)
passerella (f) di stazione
pasadera (f) de estación
1

Bahnsteigsperre (f)
platform barrier
barrière (f) du quai



огражденіе (n) платформы
barriera (f) del marciapiede
barrera (f) de acceso al andén
2

Fahrkartenprüfung (f)
inspection of tickets
contrôle (m) des billets, récolement (m) des billets

контроль (m) билетовъ
controllo (m) dei biglietti
revisión (f) ó recogida (f) de los billetes
3

Bahnsteigpferch (m)
closed space outside the platform barrier
quai (m) clôturé

a

проходъ (m) въ оградѣ для выхода на наружную платформу
recinto (m) del marciapiede
cerca (f), valla (f) para el andén
4

Bahnsteig (m) zum Einsammeln der Fahrkarten
ticket collecting platform
quai (m) de contrôle des billets

платформа (f) для отбиранія билетовъ [у прибывшихъ пассажировъ]
marciapiede (m) pel ritiro dei biglietti di viaggio
andén (m) para recoger los billetes
5

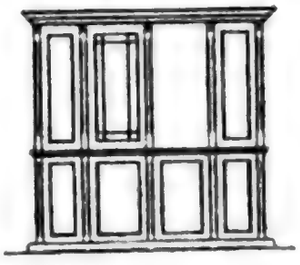
Zugrichtungsweiser (m)
train indicator
indicateur (m) de direction des trains

указатель (m) направленія движенія поѣздовъ
indicatore (m) della direzione dei treni
indicador (m) de dirección de los trenes
6

Bahnsteiguhr (f)
platform clock, station clock
horloge (f) de quai

платформенные часы (m pl)
orologio (m) del marciapiede
reloj (m) de andén
7

Schaffnerhäuschen (n)
ticket collectors'box
guérite (f) *ou* cabine (f) du contrôleur



будка (f) для платформенныхъ сторожей
cabina (f) del controllo
taquilla (f) ó garita (f) del empleado que revisa los billetes
8

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Schutzdach (n)
protecting roof
abri (m), auvent (m)

навѣсъ (m), открытый съ боковъ
tettoia (f) 1
marquesina (f)

---

freihängendes *oder* freiausladendes Pultdach (n)
cantilever roof
toit (m) en appentis sur consoles

свободный свѣсъ (m)
pensilina (f) 2
techo (m) voladizo

Pultdach (n) mit vorderer Stützung
verandah roof
toit (m) en appentis sur colonnes

свѣсъ (m), поддерживаемый колонками
tettoia (f) ad un piovente con sostegno anteriore 3
techo (m) apoyado anteriormente *ó* con sostenimiento anterior

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Satteldach (n)
penthouse roof
toit (m) en bâtière *ou* à deux pentes

двускатная крыша (f)
tettoia (f) a due pioventi *od* a schiena d'asino 4
cubierta (f) de dos aguas *ó* de doble vertiente

Bogendach (n), Tonnendach (n)
barrel-roof, arched roof
toit (m) en tonnelle *ou* cintré

двушатровая крыша (f); арочная съ козырьками крыша
tettoia (f) ad archi *o* mista 5
marquesina (f) en arco con voladizos laterales

Stulpdach (n), einstielige Bahnsteighalle (f), Schmetterlingsdach (n)
double cantilever roof on single row of columns
abri (m) avec pentes vers l'intérieur

крыша (f) съ обратнымъ свѣсомъ
tettoia (f) a falde convergenti 6
cubierta (f) de dos voladizos

Dachstulp (m)
one of the cantilever roofs
versant (m) du toit

a

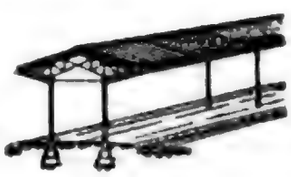
обратный свѣсъ (m) крыши
falda (f) della tettoia 7
voladizo (m) de la cubierta

Dachständer (m), Dachpfeiler (m)
roof column
colonne (f) d'abri *ou* du toit

b

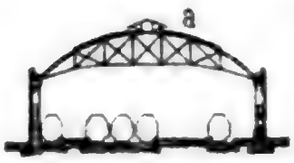
колонна (f) *или* стойка (f) крыши
colonna (f) *o* pilastro (m) della tettoia 8
pilar (m) *ó* apoyo (m) *ó* columna (f) para la cubierta

Wellblechdach (n)
corrugated iron roof
toit (m) en tôle ondulée



крыша (f) изъ волнистаго желѣза
tetto (m) in lamiera ondulata 9
cubierta (f) de chapa ondulada

1 Bahnhof[s]halle (f), Bahnsteighalle(f), Einsteigehalle (f)
station hall
halle (f) de la gare



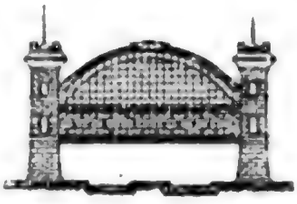
платформенный навѣсъ (m)
tettoia (f) della stazione
cobertizo (m) de la estación, patio (m)

2 Hallendach (n)
roof of hall
toit (m) de la halle

a

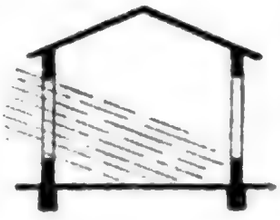
крыша (f) навѣса
copertura (f) della tettoia
techo (m) del cobertizo

3 Abschlußschild (n), Abschlußschürze (f), Hallenschürze (f)
wind screen at end of station
rideau (m)



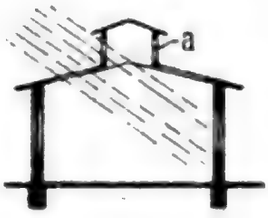
прикрытіе (n)
chiusura (f) frontale *o* maschera della tettoia
pared (f) frontal de la estación

4 Seitenlicht (n)
side lighting
éclairage (m) latéral *ou* de côté



боковой свѣтъ (m)
luce (f) di fianco
luz (f) lateral *ó* de costado

5 Oberlicht (n)
overhead lighting, top lighting
éclairage (m) par en haut



верхній свѣтъ (m)
luce (f) dall'alto
luz (f) superior *ó* central

6 Lichtaufbau (m), Laterne (f)
clerestory
lanterneau (m)

a

фонарь (m) для верхняго свѣта
lucernario (m)
linternón (m), claraboya (f)

7 Rauchkanal (m), Rauchabzug (m)
smoke trough
conduit (m) de fumée, cheminée (f)

a

дымовой каналъ (m); выпускъ (m) дыма
condotto (m) del fumo, fumaiolo (m)
chimenea (f)

8 mehrschiffige Halle (f)
station with several bays
halle (f) à plusieurs nefs

многопролётный навѣсъ (m)
tettoia (f) a più campate
cobertizo (m) de varias naves

9 Schiff (n) der Halle
bay of hall
nef (f) *ou* travée (f) de la halle

a

пролётъ (m) навѣса
campata (f) *o* navata (f) della tettoia
nave (f) del cobertizo

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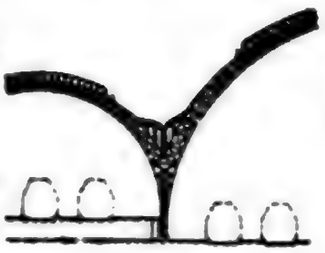
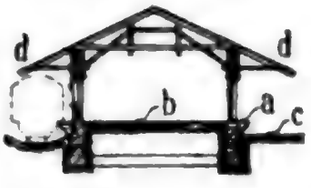
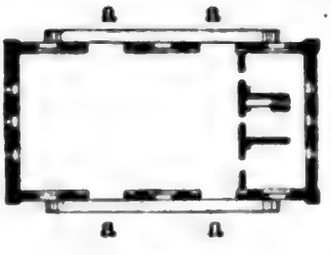
Bahnhof[s]halle (f) mit verschiedener Höhenlage der Gleise station with lines at different levels halle (f) de gare avec voies à niveaux différents		станція (f) съ путями, расположенными въ разныхъ уровняхъ tettoia (f) di stazione con binari a livelli diversi nave (f) con vias de diferente nivel	1
2. Anlagen für den Güter- und Tierverkehr **Plants for the Goods and Cattle Traffic** **Installations pour le transport des marchandises et du bétail**		**Устройства для перевозки грузовъ и скота** **Edifici pel servizio di merci e del bestiame** **Instalaciones para el transporte de las mercancías y del ganado**	2
Güterschuppen (m), Frachtenmagazin (n) goods *or* freight (A) shed hangar (m) à marchandises		пакгаузъ (m) magazzino (m) per le merci muelle (m) cubierto para mercancías	3
Ladebühne (f), Vorbühne (f), Ladesteig (m) loading ledge, loading platform *or* dock quai (m) *ou* plate-forme (f) de chargement	a	товарная платформа (f); погрузочная платформа (f) banchina (f) di carico plataforma (f) de carga, embarcadero (m) de mercancías	4
Lagerbühne (f), Güterboden (m) warehouse floor plate-forme (f) *ou* aire (f) du magasin	b	складочная площадь (f) pavimento (m) del magazzino plataforma (f) del almacén de mercancías	5
Ladestraße (f) cart road trottoir (m) de chargement	c	погрузочная площадь (f) marciapiede (m) di caricamento acera (f) de carga	6
Vordach (n) penthouse *or* overhanging roof appentis (m), avant-toit (m)	d	свѣсъ (m) (tetto) (m) sporgente alero (m)	7
Ladetor (n), Luke (f) loading door porte (m) de chargement [*ou* de déchargement]	 a	ворота (n pl) амбара porta (f) di caricamento puerta (f) de carga *ó* de descarga	8
Ladekante (f) loading edge, edge of loading platform trottoir (m) de chargement (*ou* déchargement)		погрузочная сторона (f) marciapiede (m) sporgente di caricamento acera (f) de carga (*ó* de descarga)	9

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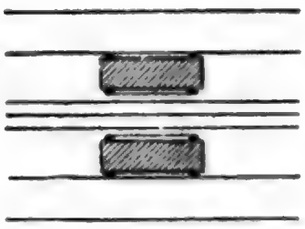
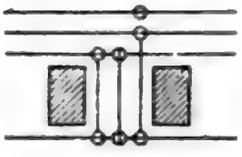
1 Längsstellung (f) der Güterschuppen
longitudinal arrangement of goods *or* freight (A) sheds
position (f) longitudinale *ou* parallèle des hangars à marchandises



продольное расположеніе (n) пакгаузовъ
disposizione (f) longitudinale dei magazzini per merci
posición (f) longitudinal de los muelles para mercancías

2 Querstellung (f) der Güterschuppen
transverse arrangement of goods *or* freight (A) sheds
position (f) transversale *ou* normale des hangars à marchandises



поперечное расположеніе (n) пакгаузовъ
disposizione (f) trasversale dei magazzini per merci
posición (f) transversal de los muelles para mercancías

3 Schrägstellung (f) der Güterschuppen, sägenförmige Aufstellung (f)
oblique arrangement of goods *or* freight (A) sheds
hangars (m pl) à marchandises avec quais en dents de scie

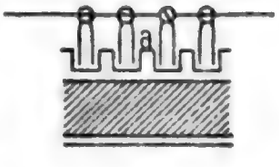
наклонное *или* пилообразное расположеніе (n) пакгаузовъ
disposizione (f) obliqua del magazzino, disposizione (f) a dente di sega
posición (f) en zig-zag de los muelles para mercancías

4 zahnförmiger *oder* sägeförmiger Ladesteig (m), Zahnperron (m)
serrated loading platform
quai (m) de chargement en (dents de) scie

a

пилообразная погрузочная платформа (f)
piano (m) caricatore a [denti di] sega
acera (f) de carga en zig-zag

5 Ladezunge (f), Zungenbühne (f)
side loading platform
quai (m) de chargement en flèche *ou* avec voies intercalées



a

выступъ (m) товарной платформы
piano (m) caricatore a freccia
acera (f) de carga de forma dentada

6 staffelförmiger Güterschuppen (m)
step-shaped goods *or* freight shed
hangar (m) à marchandises en redans

ступенчатый пакгаузъ (m)
tettoia (f) merci a zig-zag
muelle (m) de mercancías escalonado

7 staffelzahnförmiger Güterschuppen (m)
combination of stepped and serrated goods *or* freight shed
hangar (m) à marchandises en redans avec passerelles *ou* trottoirs prolongés

пакгаузъ (m) со ступенчатыми выступами
tettoia (f) merci a forma di dentiera
muelle (m) de mercancías escalonado con pasillos prolongados

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sägezahnförmiger Güterschuppen (m)
serrated goods *or* freight shed
hangar (m) à marchandises avec quais en dents de scie

пилообразный пакгаузъ (m)
tettoia (f) merci a forma di sega
muelle (m) de mercancías aserrado

1

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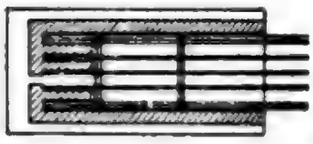
hufeisenförmiger Güterschuppen (m)
horse-shoe arrangements of goods *or* freight shed
hangar (m) à marchandises en fer à cheval

товарный пакгаузъ (m) подковообразнаго очертанія
magazzino (m) U forme per merci *o* di testa
muelle (m) de mercancías en herradura



2

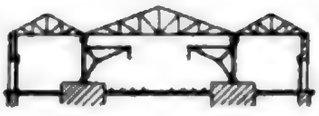
Güterschuppen (m) mit äußeren Ladegleisen
goods shed with outside sidings
hangar (m) à marchandises à voies de chargement extérieures

товарный пакгаузъ (m) съ наружными погрузочными путями
magazzino (m) per merci con binari di caricamento esterni
muelle (m) de mercancías con vías de carga exteriores

3

Güterschuppen (m) mit inneren Ladegleisen
goods shed with inside sidings
hangar (m) à marchandises à voies de chargement intérieures

товарный пакгаузъ (m) съ внутренними погрузочными путями
magazzino (m) per merci con binari di caricamento interni
muelle (m) de mercancías con vías de carga interiores



4

Empfangschuppen (m)
receiving shed
hangar (m) de réception des marchandises

пакгаузъ (m) для пріёма
tettoia (f) di ricevimento
muelle (m) de recepción *ó* de llegada

5

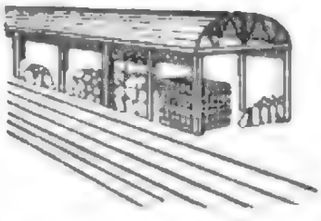
Versandschuppen (m)
dispatch shed
hangar (m) d'expédition des marchandises

пакгаузъ (m) для отправки
tettoia (f) di spedizione
muelle (m) de expedición *ó* de salida

6

Güterhalle (f)
open goods shed
halle (f) aux marchandises

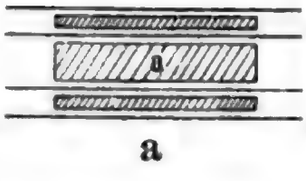
товарный навѣсъ (m)
tettoia (f) per merci
cobertizo (m) para mercancías



7

Umladeschuppen (m)
transhipping shed *or* depot
hangar (m) de manutention, hangar (m) de transbordement

перегрузочный пакгаузъ (m)
magazzino (m) di trasbordo *o* di transito
muelle (m) de transbordo *ó* de tránsito



8

Umladebühne (f)
transhipping platform
quai (m) de transbordement

перегрузочная платформа (f)
banchina (f) di trasbordo
andén (m) de transbordo

9

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1 Lagerplatz (m)
depot, goods store
dépôt (m) *ou* entrepôt (m)

погрузочная площадка (f)
deposito (m), terreno (m), piazzale (m) riservato al deposito
depósito (m) cerrado para mercancías

2 offener Lagerplatz (m)
open depot, freight storage
dépôt (m), découvert emplacement (m) réservé aux marchandises

открытая погрузочная площадка (f)
deposito (m) aperto
depósito (m) abierto para mercancías

3 Zollhof (m)
customs yard
entrepôt (m) de douane

таможенный дворъ (m)
deposito (m) della dogana
aduana (f)

4 Zollschuppen (m)
customs shed
hangar (m) de la douane

таможенный пакгаузъ (m)
magazzino (m) della dogana
cobertizo (m) de aduana

5 Umschlagschuppen (m)
transhipping shed
hangar (m) de transbordement

перегрузочный пакгаузъ (m)
magazzino (m) di trasbordo
cobertizo (m) de transbordo

6 Lagerhaus (n), Warenspeicher (m)
goods warehouse
entrepôt (m) *ou* magasins (m pl)

амбаръ (m); складъ (m)
magazzino (m) merci
almacén (m)

7 Petroleumlagerhaus (n), Petroleumkeller (m)
petroleum store-room
entrepôt (m) *ou* magasin (m) de pétrole

керосиновый складъ (m)
deposito (m) di petrolio
almacén (m) de petróleo

8 Laderampe (f)
loading ramp *or* wharf
rampe (f) de chargement

товарная платформа (f)
rampa (f) di carico
rampa (f) de carga

9 feste Rampe (f)
stationary ramp *or* wharf
rampe (f) fixe

постоянная товарная платформа (f); мощёная товарная платформа съ подпорною стѣнкою и въѣздомъ
rampa (f) fissa
rampa (f) fija

10 Auffahrrampe (f), Auffahrt (f)
approach ramp *or* wharf
rampe (f) d'accès

въѣздъ (m)
piano (m) inclinato *o* d'accesso
rampa (f) de acceso

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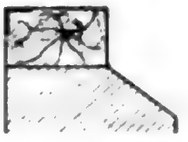
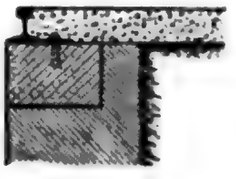
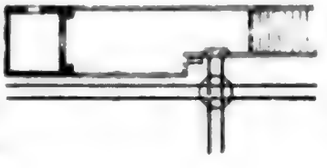
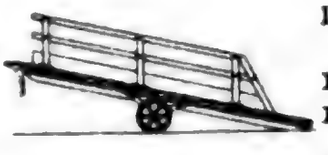
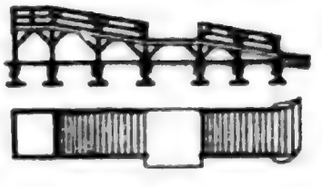
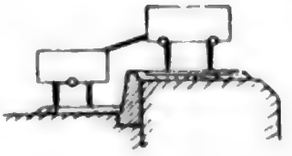
Rampenbühne (f) stage of the ramp *or* wharf palier (m) de la rampe	b	погрузочная площадка (f) pavimento (m) del piano inclinato plano (m) de la rampa	1
Rampenmauer (f) wall of the ramp *or* wharf mur (m) de la rampe	c	подпорная стѣнка (f) платформы muro (m) del piano inclinato muro (m) de la rampa	2
Rampeneinfassung (f), Abdeckung (f) der Rampenmauer cill (*or* sill) of wharf wall bordure (f) de la rampe		кордонъ (m) стѣнки платформы cinta (f) della rampa borde (m) de la rampa	3
Randschiene (f) lining rail rail (m) de bordure		кордонъ (m) изъ рельсовъ rotaia (f) di cornice carril (m) de borde	4
an den Güterschuppen angebaute Laderampe (f) loading ramp *or* wharf adjoining the goods shed rampe (f) de chargement adossée au hangar aux marchandises		товарная платформа (f), пристроенная къ пакгаузу piano (m) caricatore addossato al magazzino [di] merci rampa (f) de carga adosada al cobertizo de mercancías	5
vom Güterschuppen getrennte Laderampe (f), freistehende Laderampe (f) isolated loading ramp *or* wharf rampe (f) de chargement indépendante [du hangar aux marchandises]		товарная платформа (f), отдѣльная отъ пакгауза piano (m) caricatore isolato rampa (f) de carga separada del cobertizo de mercancías	6
bewegliche Rampe (f) movable ramp *or* gangway rampe (f) mobile		передвижные мостки (m pl) rampa (f) mobile rampa (f) móvil	7
zweigeschossige Rampe (f) two-storied ramp rampe (f) à deux étages		двухэтажная платформа (f) rampa (f) doppia rampa (f) de dos pisos	8
Überstürzrampe (f) tipping ramp rampe (f) de transbordement [entre voies de niveaux différents]		платформа (f) для перегрузки сбрасываніемъ rampa (f) di ravesciamento rampa (f) de transbordo [entre vías de nivel diferente]	9

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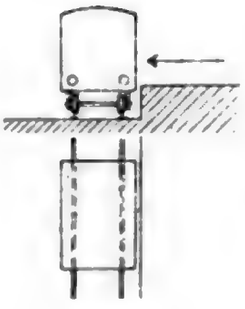
1 Ladelänge (f)
useful length of loading platform
longueur (f) utile pour le chargement

полезная длина (f) погрузочной платформы
lunghezza (f) utile pel caricamento
longitud (f) útil de la rampa de carga

2 Seitenverladung (f)
loading at the side of the wagon
transbordement (m) latéral *ou* chargement (m) par côté

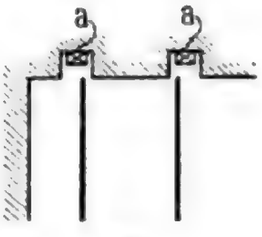


боковая нагрузка (f); загрузка сбоку
caricamento (m) laterale
transbordo (m) lateral

3 Kopfverladung (f), Stirnverladung (f)
loading at end of the wagon
transbordement (m) *ou* chargement (m) par bout

поперечная нагрузка (f); загрузка (f) съ тупиковаго пути
caricamento (m) in testa
transbordo (m) de cabeza

4 Pufferkammer (f)
buffer recess
logement (m) des heurtoirs



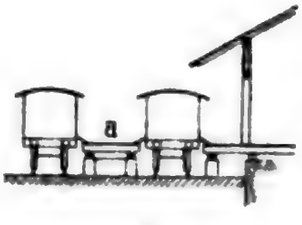
a

буферная камера (f)
nicchia (f) pei respingenti
alojamiento (m) para los topes

5 Gegenpuffer (m)
stop buffer, buffer stop
contre-butoir (m), contre-tampon (m)

контръ-буферъ (m)
controrespingenti (m pl)
contra-tope (m)

6 Umladerampe (f)
transhipping ramp *or* wharf
rampe (f) de transbordement



a

перегрузочная платформа (f)
piano (m) di trasbordo
rampa (f) de transbordo

7 Holz[lade]rampe (f)
ramp *or* wharf for loading timber
rampe (f) de chargement pour bois

платформа (f) для нагрузки лѣсного матеріала
piano (m) caricatore per legnami
rampa (f) de carga para madera

8 Viehhof (m), Viehhürde (f)
cattle-yard
cour (f) *ou* parc (m) aux bestiaux

скотопригонный дворъ (m)
recinto (m) pel bestiame
patio (m) para el ganado

9 Vieh[lade]rampe (f)
cattle ramp *or* wharf
rampe (f) à bestiaux

платформа (f) для погрузки скота
piano (m) caricatore per bestiame
rampa (f) para el ganado

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Verladeeinrichtungen

Loading Appliances

Installations de chargement et de transbordement

Приспособленія для нагрузки и выгрузки

Apparecchi di carico e scarico di trasbordo *1*

Instalaciones de cargamento y transbordo

Hebevorrichtung (f)
lifting apparatus
appareil (m) de levage

грузоподъёмное приспособленіе (n)
apparecchio (m) di sollevamento *2*
aparato (m) elevador ó de elevación

Flaschenzug (m)
pulley-block
palan (m)

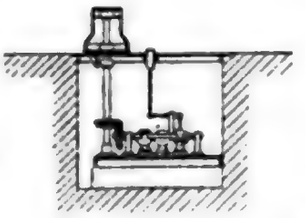
полиспастъ (m); сложный блокъ (m); таль (m)
taglia (f), paranco (m) *3*
polipasto (m), aparejo (m), polea (f) diferencial

Winde (f), Räderwinde (f)
winch, windlass
treuil (m), treuil (m) à engrenage

лебёдка (f)
argano (m), verricello (m) *4*
torno (m) ó cabrestante (m) de engranajes

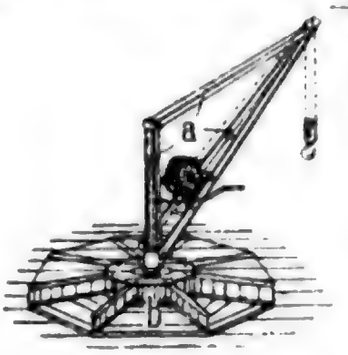
Erdwinde (f), Spill (n)
capstan
cabestan (m)

вертикальный воротъ (m); шпиль (m); кабестанъ (m) *5*
argano (m) fisso a terra
cabrestante (m)



Wasserdruckwinde (f), Wasserdruckspill (n)
hydraulic capstan
cabestan (m) hydraulique

гидравлическая лебёдка (f); гидравлическій кабестанъ (m) *или* шпиль (m) *6*
verricello (m) idraulico
torno (m) ó cabrestante (m) hidráulico



Ladekran (m)
loading crane
grue (f) de chargement

нагрузочный *или* грузовой подъёмный кранъ (m); перегрузочный кранъ *7*
gru (f) di caricamento
grúa (f) de carga

Krangerüst (n)
framework of crane
bâti (m) de grue

a

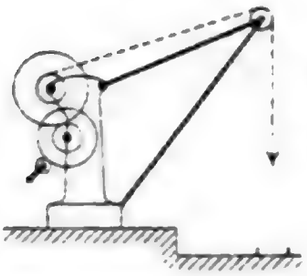
остовъ (m) крана
armatura (f) della gru *8*
armazón (f) de la grúa

Grundplatte (f)
bed-plate
plaque (f) de fondation

b

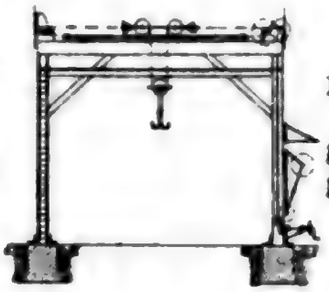
тарелка (f) основанія; фундаментная плита (f) *9*
piastra (f) di fondazione
placa (f) de cimentación

1 Auslegerkran (m)
jib crane
grue (f) à flèche



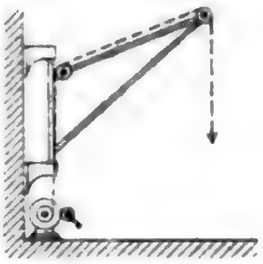
кранъ (m) со стрѣлой
gru (f) a freccia
grúa (f) de pescante ó de aguilón

2 Bockkran (m), Überladekran (m)
gantry crane
grue fixe à chevalet *ou* à portique



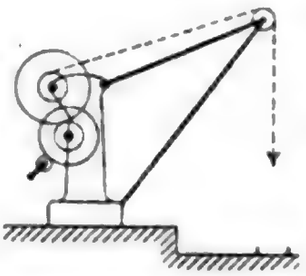
кранъ (m) на козлахъ; перегрузочный кранъ
gru (f) a cavalletto
grúa (f) fija de caballete

3 Wandkran (m)
wall-crane
grue (f) murale *ou* d'applique



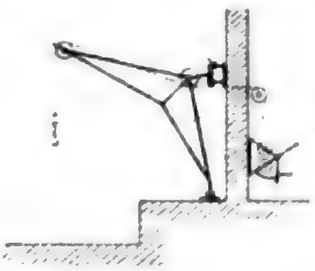
стѣнной кранъ (m)
gru (f) murale
grúa (f) mural ó de pared

4 freistehender Kran (m)
independent *or* isolated crane
grue (f) isolée



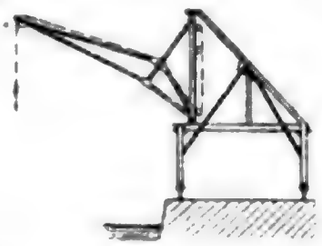
отдѣльностоящій *или* свободностоящій кранъ (m)
gru (f) indipendente
grúa (f) independiente ó aislada

5 Drehkran (m)
swing crane
grue (f) pivotante



поворотный кранъ (m)
gru (f) girevole
grúa (f) giratoria

6 Torkran (m)
travelling gib crane
grue (f) à portique



кранъ (m) на помостѣ
gru (f) a portico
grúa (f) de pórtico

7 Laufkran (m)
overhead traveller, overhead travelling crane
pont (m) roulant

мостовой кранъ (m)
gru (f) a ponte
grúa (f) móvil, [puente (m)] grúa (f) corredera

8 Laufkatze (f)
crab
chariot (m) [de pont roulant]

a

кошка (f); телѣжка (f)
carrello (m) della gru
carro (m) de la grúa

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Scherenkran (m)
shear legs *or* mast crane
grue (f) à ciseaux *ou* à mâture

двуногій кранъ (m)
gru (f) a cesoia
grúa (f) de tijera

1

Dampfkran (m)
steam-crane
grue (f) à vapeur

паровой кранъ (m)
gru (f) a vapore
grúa (f) de vapor

2

Preßwasserkran (m)
hydraulic crane
grue (f) hydraulique

гидравлическій кранъ (m)
gru (f) idraulica
grúa (f) hidráulica

3

Kranbelastungswagen (m)
crane loading truck
chariot (m) pour l'épreuve des grues

вагонъ (m) для испытанія подъёмной силы крана
carro (m) per prova della gru
vagón (m) para contrastar las grúas

4

Preßwasserspeicher (m)
hydraulic accumulator
accumulateur (m) hydraulique

гидравлическій аккумуляторъ (m)
accumulatore (m) idraulico
acumulador (m) hidráulico

5

Luftdruckkraftspeicher (m)
compressed air receiver *or* accumulator
accumulateur (m) pneumatique *ou* à air comprimé

пневматическій аккумуляторъ (m)
accumulatore (m) pneumatico *o* ad aria compressa
acumulador (m) [p]neumático *ó* de aire comprimido

6

Aufzug (m)
lift, elevator (A)
ascenseur (m)

подъёмная машина (f); подъёмникъ (m)
ascensore (m), elevatore (m), monta-carichi (m)
ascensor (m)

7

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1 Gepäckaufzug (m)
goods-lift, luggage-lift, baggage elevator (A)
monte-charge (m), monte-bagages (m)

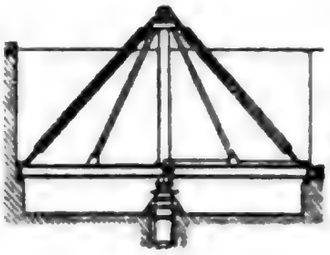
подъёмная машина (f) *или* подъёмникъ (m) для багажа
monta-bagagli (m)
montacargas (m)

2 Aufzugschacht (m)
lift *or* elevator shaft
puits (m) *ou* cage (f) d'ascenseur

a

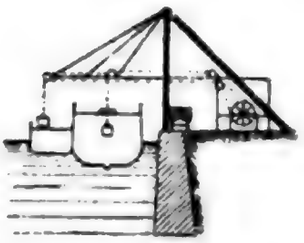
подъёмная шахта (f)
pozzo (m) del manta-carichi
pozo (m) de ascensor

3 Wagenhebewerk (n), Wagenaufzug (m)
car-elevator, wagon lift
ascenseur (m) de wagons



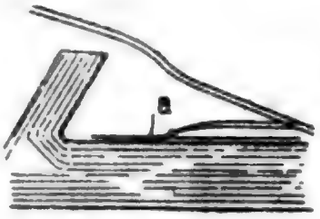
подъёмная машина (f) для вагоновъ
montaveicoli (m)
ascensor (m) para vagones

4 Umschlagverkehr (m)
tranship traffic
[trafic (m) de] transbordement (à quai) (m)



сообщеніе (n) съ перегрузкою на суда
movimento (m) di trasbordo
tráfico (m) de transbordo

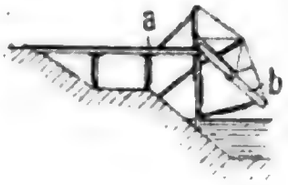
5 Kaigleis (n)
quay sidings
voie (f) de quai *ou* à quai



a

путь (m) вдоль набережной
binario (m) di banchina
vía (f) de muelle

6 Sturzgerüst (n)
tipping jetty
estacade (f) de déversement *ou* de déchargement par la gravité



помостъ (m) для перегрузки сбрасываніемъ
armatura (f) del palco di gettata
andamio (m) para verter, vertedero (m)

7 Sturzbühne (f)
tipping stage
plate-forme (f) de déversement

a

пріёмная платформа (f) [на которую выкидываются грузы]
piano (m) di rovesciamento, palco (m) di gettata
plataforma (f) del andamio

8 Sturzrinne (f)
tip-chute *or* shoot
coulisse (f) de déchargement

b

наклонный жёлобъ (m) [по которому скатывается грузъ]
canalone (m) di gettata
plano (m) *ó* canal (f) para verter

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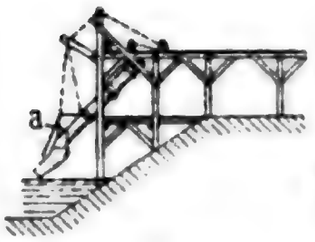
Schüttrohr (n)
tipping tube
tuyau(m) de déchargeur

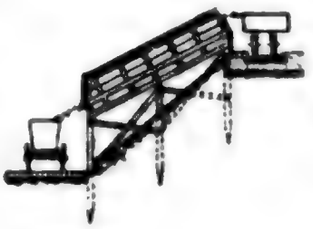


a

наклонная труба (f) для грузки въ насыпку
tubo (m) di gettata
tubo (m) de relleno

1

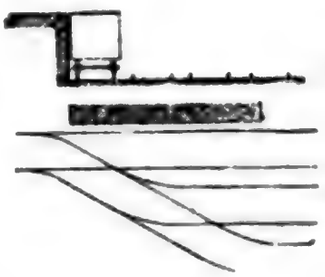
Rutsche (f)
chute, shoot
plan (m) incliné, couloir (m) incliné, glissoir (m), coulisse (f)



спускъ (m); наклонная плоскость (f)
piano (m) inclinato, scivolone (m)
plano (m) ó vertedor (m) inclinado

2

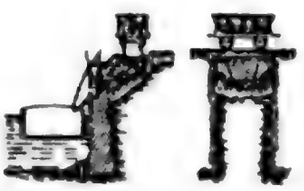
Bühnenstation (f)
station with coaling stage
station (f) à étages



станція (f) съ помостомъ для грузки сбрасываніемъ
stazione (f) a scivoloni
estación (f) con andamios [para verter]

3

Kohlensturzbahn (f)
coal chute *or* shoot
voie (f) surélevée de déchargement de charbon



путь (m) для выгрузки угля сбрасываніемъ
binario (m) di rovesciamento del carbone
plano (m) inclinado para verter el carbón

4

Kohlenkippe (f), Kohlenkipper (m)
coal tip
basculeur (m) *ou* appareil (m) basculant pour charbon

углеопрокидыватель (m)
armatura (f) a bilico pel carbone
báscula (f) para carbón

5

Kippvorrichtung (f)
tipping appliance
basculeur (m) *ou* appareil (m) basculant

опрокидыватель (m); приспособленіе (n) для опрокидыванія
armatura (f) a bilico
basculador (m)

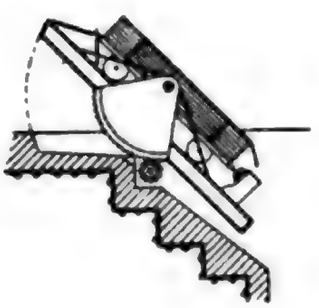
6

Wagenkipper (m)
appliance for tipping wagons
basculeur (m) à wagons

вагонный опрокидыватель (m)
armatura (f) a bilico per carri
basculador (m) ó volcador (m) de vagones

7

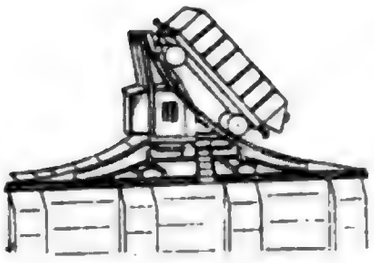
Plattformkipper (m)
tipping platform
plateforme (f) à bascule



платформенный опрокидыватель (n)
armatura (f) a bilico con piattaforma
basculador (m) de plataforma

8

1 Kurvenkipper (m)
chute tipping device
basculeur (m) à courbe



опрокидыватель (m), съ криволинейнымъ подъёмомъ
armatura (f) a bilico con curva
basculador (m) de curva

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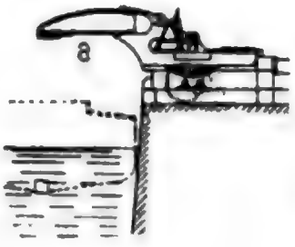
2 selbsttätiger Kohlenkipper (m)
automatic coal tip
basculeur (m) automatique à charbon



самодѣйствующій или автоматическій углеопрокидыватель (m)
armatura (f) a bilico automatica pel carbone
báscula (f) automática para carbón

---

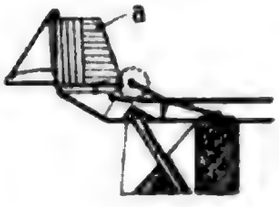
3 Kippbühne (f)
tipping stage
chargeur (m) *ou* déchargeur (m) à bascule

a

опрокидывающаяся платформа (f)
piano (m) caricatore a bilico
plataforma (f) basculante

---

4 Rinnenkopf (m)
head of chute *or* shoot
tête (f) *ou* bec (m) du couloir *ou* de la coulisse

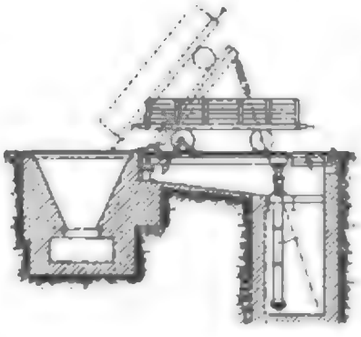


a

головка (f) желоба
testa (f) del canalone
cabeza (f) ó extremo (m) de la canal ó del vertedero

---

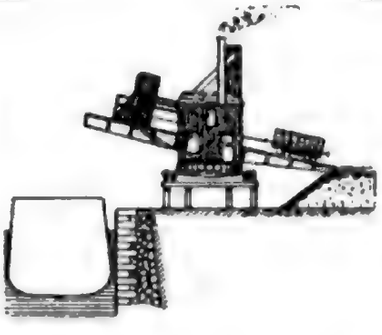
5 Preßwasserkippvorrichtung (f)
hydraulic tip
basculeur (m) hydraulique



гидравлическій опрокидыватель (m)
dispositivo (f) idraulico di rovesciamento
basculador (m) hidráulico

---

6 Wippbrücke (f), Wiege (f)
tipping bridge
pont (m) basculant



качающійся мостикъ (m); люлька (f)
ponte (m) a bilico
puente (m) de báscula

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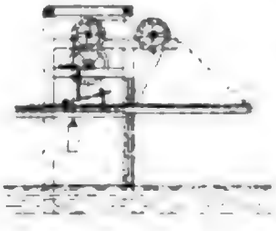
7 Senkbühne (f)
lowering stage
chargeur (m) monte et baisse, estrade (f) monte-charge



опускающаяся платформа (f)
piattaforma (f) mobile
plataforma (f) que baja y sube ó de movimiento vertical

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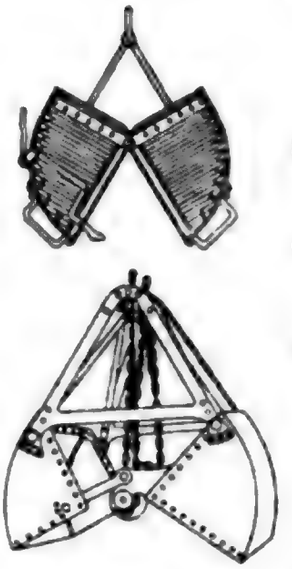
Kippdrehkran (m)
swing crane for tipping
grue (f) pivotante à inclinaison de volée, grue (f) pivotante à plateau basculant

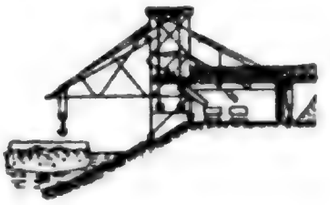
поворотный кранъ (m) съ опрокидывателемъ
gru (f) girevole a bilico
grúa (f) giratoria básculante
1

Greiferkübel (m), zweiteiliger Kohlenkasten (m)
coal grab, grab, grab bucket
pelle (f) automatique benne (f) de chargement automatique, benne (f) à charbon en deux compartiments, benne (f) à griffe



захватывающій ковшъ (m), угольный ящикъ (m) о двухъ частяхъ
draga (f), escavatore (m), secchia (f) in due pezzi
pala (f) automática [para cargar], cesta (f) de dos partes
2

Elevator (m)
elevator
élévateur (m)

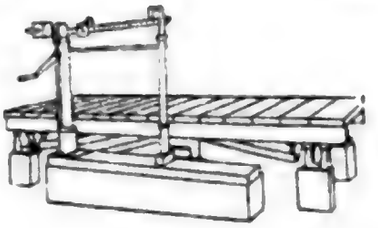


элеваторъ (m)
elevatore (m)
elevador (m)
3

Wägevorrichtung (f), Wage (f)
weighing appliance, scales
bascule (f), appareil (m) de pesage

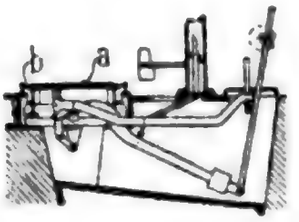
вѣсы (m pl)
bilancia (f), pesa (f)
disposición (f) de pesar, balanza (f), peso (m), báscula (f)
4

Brückenwage (f)
weigh-bridge, weighing machine
pont (m) [à] bascule



вѣсы (m pl) съ помостомъ
ponte (m) a bilico, pesa (f) a ponte
puente-báscula (m)
5

Brücke (f)
platform of weighing machine
pont (m)



(вѣсовой) помостъ (m)
ponte (m) della pesa
puente (m)
6

---

a

Wägeschiene (f)
platform rail
rail (m) du pont [à bascule]

b

рельсъ (m) вѣсового помоста
binario (m) del ponte
carril (m) del puente [de báscula]
7

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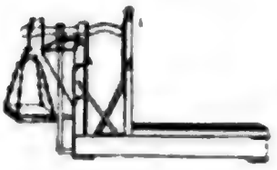
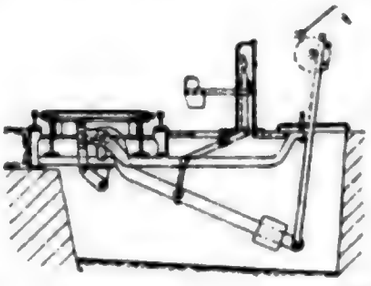
1 Dezimalwage (f)
decimal weighing machine
bascule (f) [à échelle] décimale



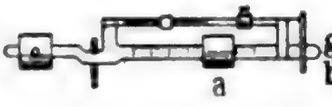
десятичные вѣсы (m pl)
bilancia (f) decimale
báscula (f) decimal

2 Zentesimalwage (f)
centesimal weighing machine
bascule (f) [à échelle] centésimale



сотенные вѣсы (m pl)
bilancia (f) centesimale
báscula (f) centesimal

3 Wagebalken (m), Gewicht[s]hebel (m), Laufbalken (m), Schieberlineal (n)
steel yard
fléau (m) de bascule



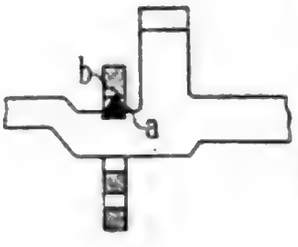
коромысло (n) вѣсовъ; рычагъ (m) вѣсовъ
giogo (m) della bilancia
brazo (m) ó palanca (f) de báscula

4 Laufgewicht (n)
poise
poids (m) mobile

a

перевижная гиря (f)
peso (m) mobile, romano (m)
peso (m) móvil

5 Schneide (f)
knife-edge
couteau (m)



a

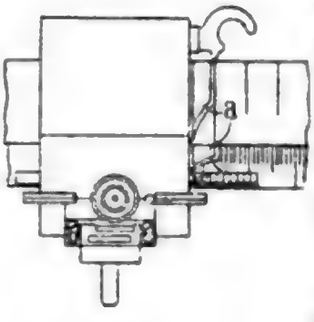
ножъ (m); призма (f)
coltello (m)
cuchillo (m)

6 Pfanne (f)
pillow block
plan (m) *ou* palier (m) (d'un couteau)

b

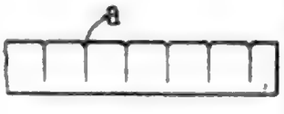
подушка (f)
base (f) (del coltello)
base (f) del cuchillo

7 Laufgewicht (n) mit verstellbarem Schieber
sliding weight with a vernier
poids (m) mobile à vernier



передвижная гиря (f) съ переставляемымъ ноніусомъ
peso (m) mobile con regolo spostabile
peso (m) móvil con regla de precisión

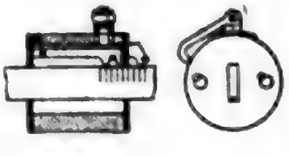
8 Einkerbung (f) des Wagebalkens
notching of the steel yard
encoche (f) *ou* cran (m) du fléau



a

зарубка (f) на рычагѣ
intaglio (m) *o* tacca (f) del giogo
entalladura (f) ó trazo (m) del brazo

9 Kerbenschutzvorrichtung (f)
notch-protector
protège-crans (m), protecteur (m) des crans



приспособленіе (n) для сохраненія дѣленій
arresto (m) di sicurezza al giogo
protector (m) de los trazos

10 Wägekarte (f)
weighing machine ticket
carton (m) *ou* billet (m) indicateur du poids

билетъ (m) автоматическихъ вѣсовъ
scontrino (m) ó marca (f) della pesata
talón (m) del peso

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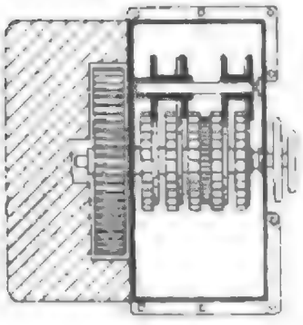
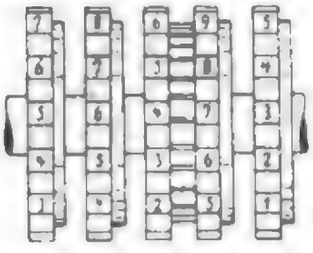
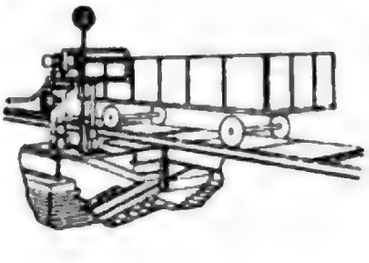
Kartendruckvorrichtung (f) ticket-printing machine imprime-carte (m)		механизмъ (m) (автоматическихъ вѣсовъ), печатающій билеты timbrascontrino (m) imprime-cartas (m), mecanismo (m) para imprimir los talones	1
Zählwerk (n) counting mechanism compteur (m)		счётный механизмъ (m) contatore (m) contador (m), mecanismo (m) contador	2
Rohgewicht (n), Bruttogewicht (n) gross weight poids (m) brut	$Q = G_1 + G_2$	вѣсъ (m) брутто peso (m) lordo peso (m) bruto ó total	3
Reingewicht (n), Nettogewicht (n) net weight poids (m) net	G_1	вѣсъ (m) нетто peso (m) netto peso (m) neto	4
Leergewicht (n), totes Gewicht (n) Taragewicht (n) tare tare (f)	G_2	вѣсъ (m) тара tara (f) tara (f)	5
Spiel (n) der Wage play of the weighing machine jeu (m) *ou* mouvement (m) de la bascule		игра (f) вѣсовъ oscillazione (f) della pesa juego (m) ó movimiento (m) de la báscula	6
die Wage spielt ein the weighing machine is in equilibrium la bascule descend *ou* fonctionne		вѣсы (m pl) приходятъ въ равновѣсіе la bilancia segna la báscula baja ó funciona	7
Empfindlichkeit (f) der Wage sensitiveness of the weighing machine sensibilité (f) de la bascule		чувствительность (f) вѣсовъ sensibilità (f) della bilancia sensibilidad (f) de la báscula	8
Gleiswage (f), Waggonwage (f) wagon weighing machine, weigh bridge bascule (f) à wagons		вагонные вѣсы (m pl) pesa (f) per carri, ponte (m) a bilico per carri báscula (f) para vagones	9

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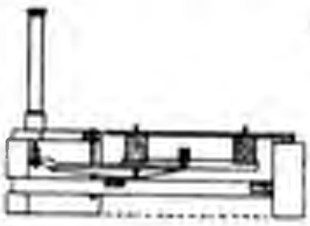
1 Wage (f) mit Gleisunterbrechung
weighing machine fixed transversely to the rails, weighing machine with break in track
bascule (f) à voie interrompue

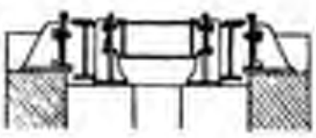


вѣсы (m pl) съ перерывомъ путей
pesa (f) con interruzione di binario
báscula (f) de vía interrumpida

2 Wage (f) ohne Gleisunterbrechung
weighing machine fixed longitudinally to the rails, weighing machine without break in track
bascule (f) à voie continue

вѣсы (m pl) безъ перерыва путей
pesa (f) senza interruzione di binario
báscula (f) de vía continua

3 doppelspurige Wage (f)
weighing machine with double track
bascule (f) à double voie



вѣсы (m pl) съ двойной колеёй
pesa (f) a due binari
báscula (f) de doble vía

4 Wägehäuschen (n)
weigh office, weighing machine cabin
guérite (f) de bascule

вѣсовая будочка (f)
garetta (f) o cabina (f) della pesa
garita (f) de báscula

5 Wägemeister (m)
man in charge of weighing machine, weighing master
peseur (m) *ou* basculeur (m)

вѣсовщикъ (m)
pesatore (m)
pesador (m), factor (m)

6 Zeigerwage (f)
dial balance
bascule (f) à aiguille *ou* à index

вѣсы (m pl) съ циферблатомъ
bilancia (f) ad indice
báscula (f) de aguja ó de indice

7 Gewichtsatz (m)
set of weights
jeu (m) *ou* série (f) de poids

разновѣсъ (m); разновѣски (f pl)
assortimento (m) di pesi
juego (m) de pesas

8 Federwage (f)
spring balance
peson (m), bascule (f) à ressort

пружинные вѣсы (m pl)
bilancia (f) a molla
pesón (m), báscula (f) de muelle ó de resorte

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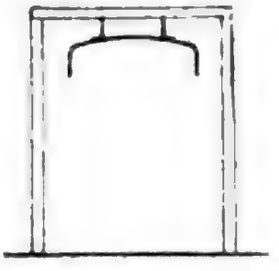
a

Wiegesäule (f), Federsäule (f)
spring pillar
colonne (f) de pesée

колонка (f) съ пружиною
colonna (f) della bilancia 1
columna (f) de peso

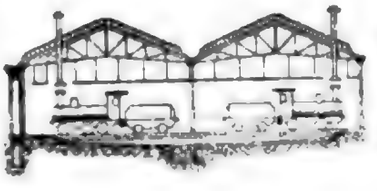
vereinigte Laufgewicht[s]- und Zeigerwage (f)
combined movable weight and dial balance
bascule (f) à poids mobile et à cadran

багажные вѣсы (m pl) соединённой системы съ передвижной гирей и циферблатомъ
bilancia (f) a peso mobile ed indice 2
báscula (f) de peso móvil y cuadrante



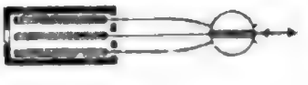
Lademaß (n), Ladeprofil (n), Ladelehre (f), Ladeschablone (f)
loading gauge, clearance limit, gauge of goods wagons
gabari[t] (m) de chargement

габаритъ (m) нагрузки
sagoma (m) limite, sagoma (m) di carico
gálibo (m), plantilla (f) de carga, cerchámetro (m), gabari[t] (m) 3



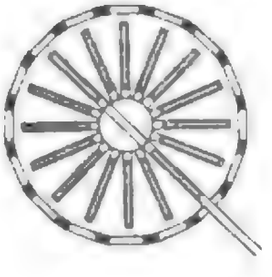
Lokomotivschuppen (m), Heizhaus (n), [Lokomotivremise (f)]
locomotive shed, engine shed, running shed
remise (f) à locomotives

паровозный сарай (m); паровозное зданіе (n)
rimessa (f) o deposito (m)[per] locomotive, rimessa (f) macchine 4
cocherón (m) ó cochera (f) [para locomotoras], depósito (m) de máquinas



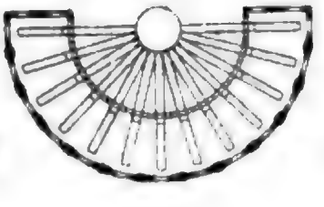
rechteckiger Lokomotivschuppen (m)
rectangular locomotive shed
remise (f) à locomotives rectangulaire

прямоугольный паровозный сарай (m); прямоугольное паровозное зданіе (n) 5
rimessa (f) rettangolare per locomotive
cocherón (m) rectangular [para locomotoras]



vieleckförmiger *oder* kreisförmiger Lokomotivschuppen (m), Rundschuppen (m)
round *or* circular locomotive shed *or* round house (A)
remise (f) à locomotives polygonale, rotonde (f) à locomotives, remise (f) circulaire à locomotives

многоугольный [круглый] паровозный сарай (m); многоугольное [круглое] паровозное зданіе (n) 6
rimessa (f) macchine circolare
cocherón (m) de forma poligonal para locomotoras, cocherón (m) circular, rotonda (f)



ringförmiger *oder* fächerartiger Lokomotivschuppen (m), Ringschuppen (m)
annular locomotive shed
remise (f) *ou* rotonde (f) demi-annulaire à locomotives

вѣерный паровозный сарай (m); вѣерное паровозное зданіе (n)
rimessa (f) macchine semicircolare 7
cocherón (m) semianular para locomotoras, semi-rotonda (f)

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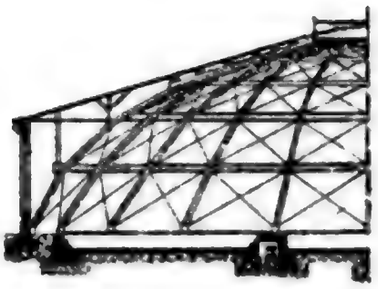
1 Kuppelbau (m)
dome construction
bâtiment (m) à coupole *ou* à dôme



зданіе (n) съ куполомъ
costruzione (f) a cupola
bóveda (f) esférica

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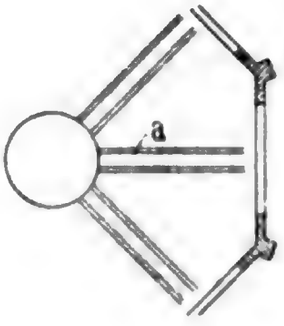
2 Lokomotivstand (m)
engine bay
emplacement (m) de locomotive



паровозное стойло (n)
posto (m) per locomotive
emplazamiento (m) para locomotoras

a

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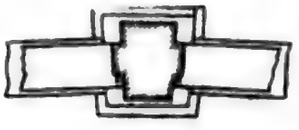
3 Torpfeiler (m)
door pillar *or* post
pilier (m) *ou* piédroit (m) de porte



воротный столбъ (m)
pilastro (m) della porta
pilar (m) de puerta

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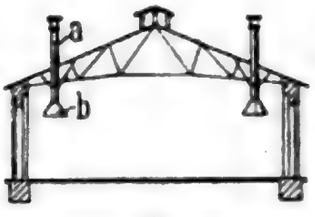
4 Rauchfang (m), Rauchschlot (m), Rauchröhre (f)
smoke stack, flue
cheminée (f) [d'évacuation]



вытяжная *или* дымовая труба (f)
camino (m) di sfogo
chimenea (f) de evacuación del humo

a

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5 Rauchfanghaube (f), Rauchmantel (f)
cowl
hotte (f) de cheminée

b

колпакъ (m) вытяжной *или* дымовой трубы
cappa (f) del camino
campana (f) de chimenea

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6 verschiebbarer Rauchfang (m)
movable flue
cheminée (f) mobile

раздвижная дымовая труба (f)
camino (m) mobile
chimenea (f) móvil

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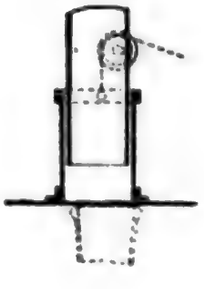
7 Rauchfang (m) mit Rohrauszug
telescopic flue
cheminée (f) télescopique



вытяжная дымовая труба (f)
camino (m) a telescopio
chimenea (f) de telescopio

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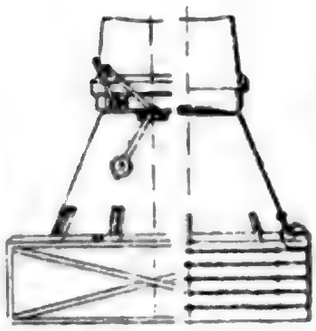
Rauchfang (m) mit Drosselklappe
flue with throttle valve *or* damper
cheminée (f) à papillon



дымовой колпакъ (m) съ клапаномъ
camino (m) con valvola a farfalla
chimenea (f) con válvula de mariposa

1

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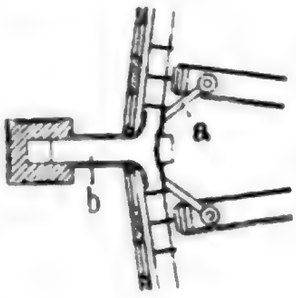
zentrale Rauchabführung (f)
central smoke uptake
évacuation (f) centrale de la fumée



центральный дымоотводъ (m)
sfogo (m) centrale pel fumo
evacuación (f) central del humo

2

Einzelrauchabzug (m)
single flue
cheminée (f) simple

a

отдѣльный дымоотводъ (m)
sfogo (m) separato pel fumo
chimenea (f) sencilla

3

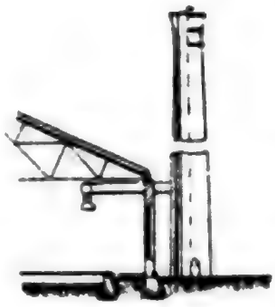
Rauch[abführungs]-kanal (m)
flue
conduit (m) d'évacuation de fumée

b

дымовой *или* дымоотводный каналъ (m)
condotto (m) di sfogo del fumo
tubería (f) para la evacuación del humo

4

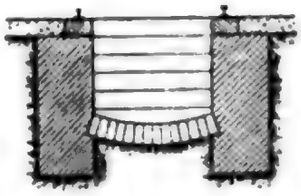
Schornstein (m), Kamin (m)
chimney, smoke stack (A)
cheminée (f)



дымовая труба (f)
camino (m) in muratura *o* fumainolo
chimenea (f)

5

Arbeit[s]grube (f)
inspection pit
fosse (f) de visite



рабочая яма (f)
fossa (f) a fuoco
foso (m) de trabajo

6

Lösch- *oder* Feuergrube (f)
ash pit
fosse (f) à escarbilles

кочегарная яма (f)
fossa (f) a fuoco *o* fossa d'estinzione
foso (m) para las escorias

7

Putzwollegrube (f)
waste pit
fosse (f) à chiffons de nettoyage

ящикъ (m) для пакли
fossa (f) per stoppa da pulire
foso (m) para los trapos de limpieza

8

Reinigungsgrube (f), Putzgrube (f)
cleaning pit
fosse (f) de nettoyage

яма (f) для осмотра и чистки
fossa (f) di lavaggio
foso (m) de limpieza

9

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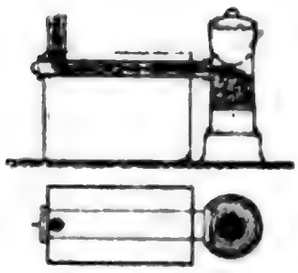
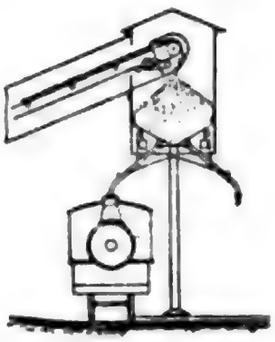
1 Sandofen (m), Sandtrockenherd (m)
sand drying stove
four (m) à [sécher le] sable



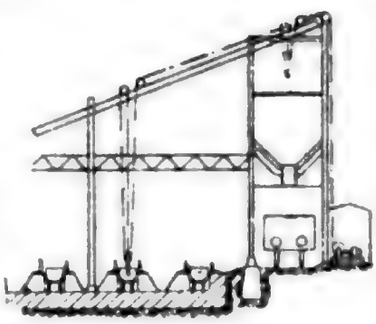
печь (f) для просушки песка
forno (m) essiccatore per la sabbia
horno (m) para secar la arena

2 Sandhochbehälter (m)
high-level sand tank *or* bin
réservoir (m) à sable surélevé



приподнятый надъ путями резервуаръ (m) съ пескомъ
deposito (m) di sabbia posto in alto
depósito (m) de arena montado en alto

3 Aschefördеranlage (f)
ash conveying plant
installation (f) de transport *ou* transporteur (m) de cendres *ou* escarbilles

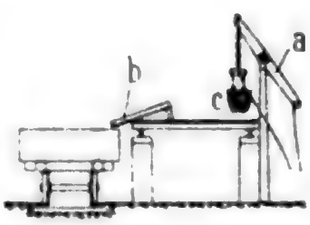


устройство (n) для подачи золы; транспортёръ (m) для золы
impianto (m) di trasporto [delle] ceneri
instalación (f) para la extracción de las cenizas

4 Kohlenladevorrichtung (f)
mechanical coal handling plant
appareil (m) de chargement pour charbons. appareil (m) à charger les charbons

приспособленіе (n) для нагрузки угля
apparecchio (m) di caricamento pel carbone
aparato (m) para cargar carbones

5 Kohlenbühne (f)
coaling stage *or* quay
estacade (f) *ou* quai (m) de chargement des charbons



платформа (f) для нагрузки угля
piano (m) caricatore pel carbone
muelle (m) para la carga de carbones

6 Wippbaum (m)
balance-beam
poutre (f) basculante

a

коромысло (n)
leva (f) oscillante
balancin (m)

7 Schüttrinne (f), Füllrinne (f), Ausladerinne (f)
coal chute *or* shoot, feed chute *or* shoot
couloir (m) *ou* rigole (f) de déchargement *ou* coulisse (f) de déchargement

b

нагрузочный лотокъ (m)
scivolone (m)
vertedero (m)

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Kohlenkorb (m) coal-basket, wicker-basket banne (f) *ou* benne (f) à charbon, rasse (f)	c	корзин[к]а (f) для угля cesto (m) da carbone cesta (f) para el carbón	1
Bekohlung (f) des Tenders coaling the tender chargement (m) du charbon sur le tender		нагрузка (f) *или* подача (f) угля на тендеръ caricamento (m) del tender con carbone carga (f) del ténder con carbón	2
den Tender bekohlen (v) to coal the engine ravitailler(v) de charbon le tender		нагружать *или* подавать уголь на тендеръ rifornire (v) di carbone cargar (v) el carbón sobre la locomotora	3
Sturzvorrichtung (f) coal tip, tipping plant appareil (m) de déversement		приспособленіе (n) для сбрасыванія apparecchio (m) di rovesciamento aparato (m) de verter	4
Sturzkasten (m) hopper trémie (f) de déversement	a	пріёмный ящикъ (m) cassa (f) di rovesciamento depósito (m) de verter	5
Schüttklappe (f) chute trap trappe (f) de déchargement	b	откидной жёлобъ (m) porta (f) di rovesciamento puerta (f) de descarga	6
Kohlenkippwagen (m) coal tip-wagon wagonnet (m) basculant à charbon		опрокидывающаяся угольная вагонетка (f); опрокидывающійся угольный вагончикъ (m); угольная вагонетка съ опрокидывающимся кузовомъ vagoncino (m) capo-volgibile pel carbone vagón (m) volquete para carbón, vagoneta (f) giratoria para carbón	7
Kohlenladekran (m), Bekohlungskran (m) coaling crane grue (f) à [charger le] charbon, grue (f) de chargement du charbon		кранъ (m) для грузки угля gru (f) pel caricamento di carbone grúa (f) para cargar carbón	8

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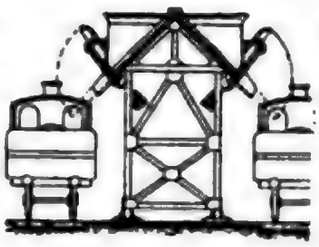
1 fahrbarer Kohlenladekasten (m)
bucket *or* skip on wheels
caisse (f) sur roues pour le chargement du charbon

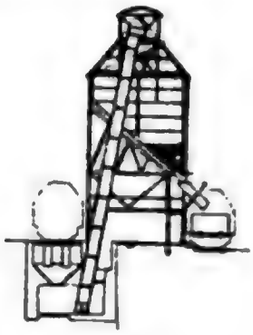
угольный ящикъ (m) на каткахъ
cassa (f) di caricamento di carbone su ruote
caja (f) sobre ruedas para la carga de carbones

2 Kohlenhochbehälter (m)
high-level coal bunker *or* hopper
trémie (f) à charbon surélevée



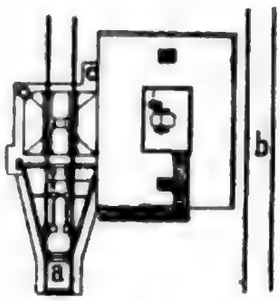
угольный танкъ (m) на эстакадѣ
deposito (m) di carbone posto in alto
depósito (m) de carbón colocado en alto

3 Lokomotivbekohlungsanlage (f)
locomotive coaling plant
installation (f) de chargement de charbon pour locomotives



устройство (n) для подачи угля на паровозъ
impianto (m) pel rifornimento di carbone
instalación (f) para cargar carbón sobre las locomotoras

4 Absetzgleis (n)
unloading siding
voie (f) de déchargement



a

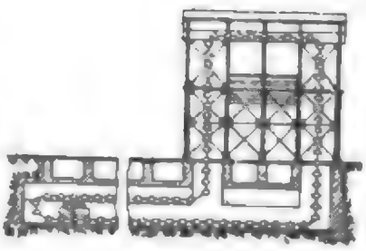
выгрузочный *или* разгрузочный путь (m)
binario (m) di scarico
via (f) de descarga

5 Bekohlungsgleis (n)
coaling siding
voie (f) de ravitaillement *ou* d'arrivée du charbon

b

путь (m) для грузки угля
binario (m) di caricamento del carbone
via (f) de carga de carbón

6 Becherwerk (n)
chain and bucket conveyor
élévateur (m) à godets



установка (f) для подъёма [угля] ковшами *или* норіею
elevatore (m) a tazze, noria (f)
noria (f), elevador (m) de canjilones

7 Schüttrichter (m), Füllrumpf (m)
hopper
trémie (f) de chargement

a

пріёмная воронка (f)
tramoggia (f) di caricamento
tolva (f) de carga

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Eimerkette (f)
chain and buckets
chaîne (f) à godets

цѣпь (f) съ ковшами; норія (f)
batteria (f) di tramoggia
cadena (f) de canjilones

1

Fülltrichterkette (f)
conveyor chain
chaîne (f) à godets de la trémie de remplissage

пядь (m) воронокъ для наполненія ковшей
catena (f) dell'imbuto di caricamento
serie (f) de tolvas para rellenar los canjilones

2

Verladebrücke (f)
charging bridge
appontement (m) pour le transbordement *ou* chargement

нагрузочный помостъ (m); грузовой мостъ (m)
ponte (m) di caricamento
puente (m) para el transbordo *o* la carga

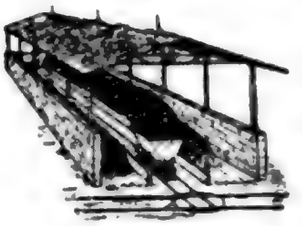
3

Kohlenbahnhof (m)
coaling station, coal yard
gare (f) aux charbons

угольная станція (f)
stazione (f) pel carbone
muelle (m) para el carbón

4

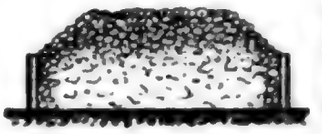
Kohlenlagerplatz (m), Kohlenhof (m)
coal depot
dépôt (m) de charbon, parc (m) à charbon



угольный складъ (m)
deposito (m) di carbone
depósito (m) de carbón

5

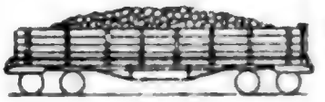
Kohlenbansen (m)
coal stack
soute (f) à charbon



угольный закромъ (m)
magazzino (m) di carbone
almacén (m) de carbón

6

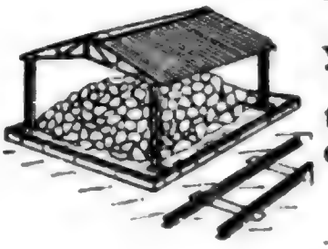
Kohlenwagen (m)
coal wagon *or* truck
wagon (m) charbonnier *ou* à charbon, wagon (m) houiller



угольный вагонъ (m)
carro (m) per carbone
vagón (m) carbonero *ó* de carbón

7

Kohlenschuppen (m)
coal shed
hangar (m) à charbon



угольный сарай (m); навѣсъ (m) для угля
tettoia (f) per carbone
cobertizo (m) para carbón

8

Rätterwerk (n)
coal riddle *or* screen
[appareil (m)] cribleur (m) *ou* tamiseur (m) *ou* appareil (m) à crible

грохоты (m pl)
crivello (m)
tamiz (m) *ó* criba (f) para carbón

9

Rättergleis (n)
coal screening siding
voie (f) pour le criblage *ou* le tamisage

путь (m) для прогрохотки
binario (m) per la crivellatura, impianto (m) per trasporto delle ceneri
via (f) para el cribado *ó* tamizado del carbón

10

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1 Wasserversorgung (f)
water-supply
distribution (f) d'eau

водоснабженіе (n)
approvvigionamento (m) d'acqua
distribución (f) de agua

2 Wasserstation (f)
water supply station
station (f) de prise d'eau, station (f) pour l'alimentation d'eau

водоподъёмная *или* водоёмная станція
stazione (f) di rifornimento d'acqua
estación (f) de toma de agua, estación (f) para la alimentación de agua

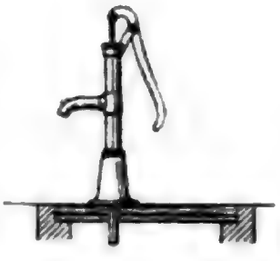
3 Wasserbedarf (m)
amount of water required
quantité (f) d'eau nécessaire, consommation (f) d'eau

расходъ (m) воды
bisogno (m) d'acqua
cantidad (f) necesaria de agua

4 Trinkwasser (n)
drinking water
eau (f) potable

питьевая вода (f); вода для питья
acqua (f) potabile
agua (f) potable

5 Trinkbrunnen (m), Trinkwasserpumpe (f)
drinking well
fontaine (f) d'eau potable



колодезь (m) *или* колодецъ (m) для питьевой воды
fontana (f) d'acqua potabile
fuente (f) de agua potable

6 Gebrauchwasser (n)
water for general use
eau (f) de consommation

вода (f), непригодная для питья
acqua (f) per usi diversi
agua (f) de consumo

7 Kesselspeisung (f)
boiler feeding
alimentation (f) de la chaudière

питаніе (n) котла
alimentazione (f) della caldaia
alimentación (f) de la caldera

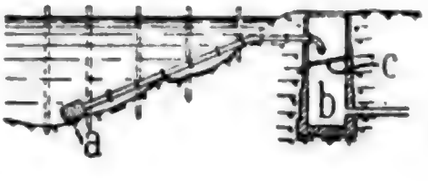
8 Kesselspeisewasser (n)
boiler feed water
eau (f) d'alimentation des chaudières

вода (f) для питанія котловъ
acqua (f) d'alimentazione della caldaia
agua (f) para la alimentación de la caldera

9 Wassergewinnung (f)
procuring of water
captage (m) de l'eau

добываніе (n) воды
presa (f) dell'acqua
extracción (f) ó captación (f) de agua

10 Entnahme (f) des Wassers aus Seen (Flüssen, Teichen)
taking water from lakes (rivers or ponds)
prise (f) d'eau d'un lac (d'une rivière, d'un étang)



добываніе (n) воды изъ озёръ
presa (f) d'acqua da laghi (fiumi, stagni)
toma (f) de agua de lago (de río, de estanque)

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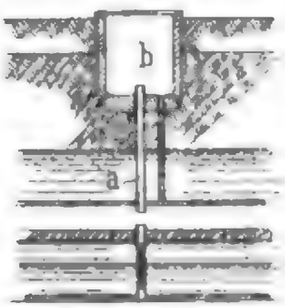
Saugkorb (m) suction rose crépine (f) d'aspiration	a	всасывающая сѣтка (f) cuffia (f) *o* spugna (f) d'aspirazione, succheruola (f) alcachofa (f) *ó* criba (f) de aspiración	*1*
Siebkammer (f), Filterkammer (f) straining chamber chambre (f) de l'écrille	b	камера (f) съ сѣткой camera (f) di decantazione cámara (f) de depuración *ó* de filtración	*2*
Fischrechen (m) fish grid écrille (f), grille (f) à poisson	c	сѣтка (f) для задержанія рыбы grata (f) per pesci rejilla (f) para peces	*3*
Grundwassergewinnung (f) procuring water from a subterranean source captage (m) d'eau souterraine		добываніе(n)грунтовой *или* [почвенной *или* подпочвенной] воды presa (f) d'acqua sotterranea extracción (f) *ó* captación (f) de agua subterránea	*4*
Quellfassung (f) well shaft prise (f) d'eau de source		перехватываніе (n) источника presa (f) da una sorgente toma (f) de agua de manantial	*5*
Fassungsrohr (n) well tube tuyau (m) de la prise d'eau *ou* d'ascension	a	водозабирная труба (f) tubo (m) di presa tubo (m) de ascensión	*6*
Brunnenstube (f) well chamber chambre (f) *ou* puits (m) de la prise d'eau (de source)	b	люкъ (m) колодца camera (f) del pozzo cámara (f) de pozo	*7*
artesischer Brunnen (m) artesian well puits (m) artésien		артезіанскій колодезь (m) pozzo (m) artesiano pozo (m) artesiano	*8*
Wasserförderung (f) raising of water élévation (f) de l'eau		подача (f) *или* подъёмъ (m) воды elevazione (f) d'acqua elevación (f) *ó* transporte (m) del agua	*9*
Druckhöhe (f) height of delivery, discharge head hauteur (f) de refoulement		высота (f) напора altezza (f) premente altura (f) de impulsión *ó* de presión	*10*
Saughöhe (f) suction head *or* lift (A) hauteur (f) d'aspiration		высота (f) всасыванія altezza (f) aspirante altura (f) de aspiración	*11*

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1	Förderhöhe (f) total head hauteur (f) d'élévation	h	подъёмная высота (f) высота подъёма prevalenza (f) altura (f) de elevación
2	Widerstandhöhe (f) loss of pressure hauteur (f) mesurant les resistances		высота (f) сопротивленія altezza (f) di resistenza pérdida (f) de la altura de elevación [debida á las resistencias]
3	Handpumpe (f) hand pump pompe (f) à main		ручной насосъ (m); помпа (f) pompa (f) a mano bomba (f) de mano
4	Pulsometer (n) pulsometer pulsomètre (m)	a, b, c, d	пульзометръ (m) pulsometro (m) pulsómetro (m)
5	Dampfkopf (m) steam admission head boîte (f) à vapeur	a	паровая головка (f) testa (f) d'entrata del vapore entrada (f) de vapor
6	Fußventil (n) foot-valve soupape (f) de pied	b	нижній клапанъ (m) valvola (f) di ritegno válvula (f) de pie
7	Saugventil (n) suction valve soupape (f) d'aspiration	c	всасывающій клапанъ (m) valvola (f) aspirante válvula (f) de aspiración
8	Druckventil (n) pressure-valve soupape (f) de refoulement	d	нагнетательный клапанъ (m) valvola (f) premente válvula (f) de presión ó de impulsión
9	Kugelventil (n) ball-valve soupape (f) à boulet, soupape (f) sphérique		шаровой клапанъ (m) valvola (f) a sfera válvula (f) esférica

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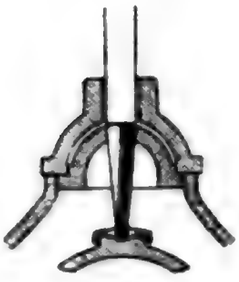
Zungenventil (n), Klappenventil (n)
clack-valve, clapet-valve
clapet (m), soupape (f) à clapet



заслончатый клапанъ (m)
valvola (f) a cernie *o* a linguetta
válvula (f) de charnela

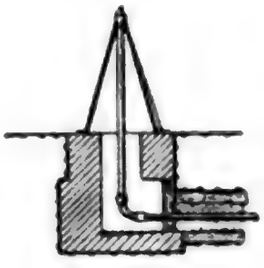
1

Anlassen (n) des Pulsometers
starting the pulsometer
amorçage (m) du pulsomètre, mise (f) en marche du pulsomètre

пускъ (m) въ ходъ пульзометра
adescamento (m) del pulsometro
arranque (m) del pulsómetro

2

Dampfanschluß[bock] (m)
steam connection
raccord (m) de tuyauterie de vapeur



пароприводъ (m)
tubo (m) di raccordo per vapore
tubo (m) de admisión del vapor

3

---

biegsamer Metalldampfschlauch (m)
flexible metal steam pipe
boyau (m) métallique *ou* tube (f) métallique flexible de vapeur

паровой металлическій рукавъ (m)
tubo (m) flessibile metallico per vapore
tubo (m) flexible metálico para el vapor

4

Schleifenrohr (n), Federrohr (n), [Expansionsrohr (n)]
expansion loop
tuyau (m) en boucle

петлеобразная [пружинящая] труба (f)
tubo (m) a spirale
tubo (m) en lazo

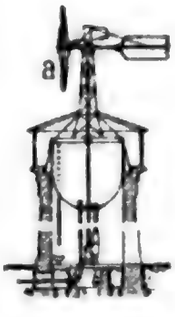
5

Tiefbrunnenelevator (m)
deep-well elevator, ejector
éjecteur (m) placé dans le puits

элеваторъ (m) для глубокихъ колодцевъ; эжекторъ (m)
elevatore (m) per pozzi, eiettore (m)
elevador (m) de pozo

6

Windmotorpumpe (f)
windmill pump
pompe (f) à moteur à vent *ou* à aéromoteur



насосъ (m) съ вѣтрянымъ *или* вѣтровымъ двигателемъ
pompa (f) con motore a vento *o* ad aeromotore
bomba (f) aeromotriz *ó* de aeromotor

7

Windrad (n)
windmill-wheel, vane wheel
roue (f) à ailettes

a

вѣтряное *или* вѣтровое колесо (n)
ruota (f) a vento
rueda (f) de viento

8

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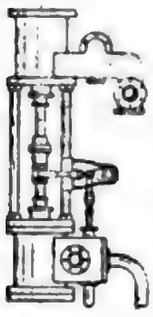
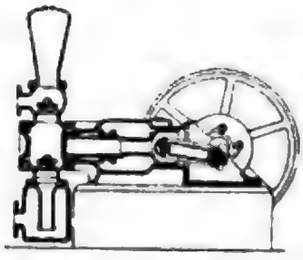
1 Dampfpumpe (f)
steam pump
pompe (f) à vapeur



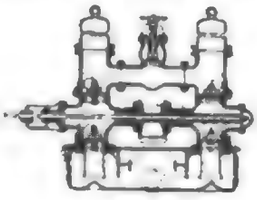
паровой насосъ (m)
pompa (f) a vapore
bomba (f) de vapor

2 einfach wirkende Pumpe (f)
single-acting pump
pompe (f) à simple effet



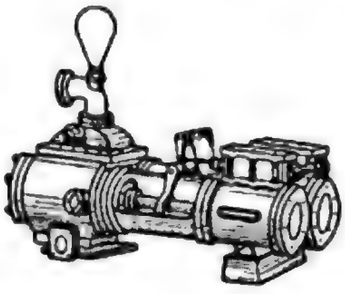
насосъ (m) простого дѣйствія
pompa (f) a semplice effetto
bomba (f) de simple efecto

3 doppeltwirkende Pumpe (f)
double-acting pump
pompe (f) à double effet



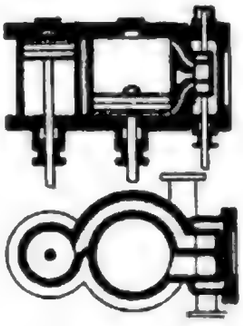
насосъ (m) двойного дѣйствія
pompa (f) a doppio effetto
bomba (f) de doble efecto

4 Duplexpumpe (f), Worthingtonpumpe (f)
duplex pump, Worthington pump
pompe (f) duplex, pompe (f) Worthington



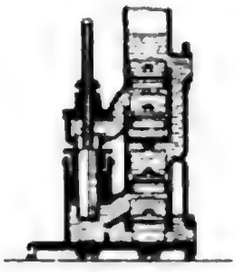
насосъ (m) дуплексъ; паровой насосъ (m) Вортингтона
pompa (f) duplex, pompa (f) Worthington
bomba (f) duplex, bomba (f) Worthington

5 Verbunddampfpumpe (f)
compound steam-pump
pompe (f) à vapeur compound



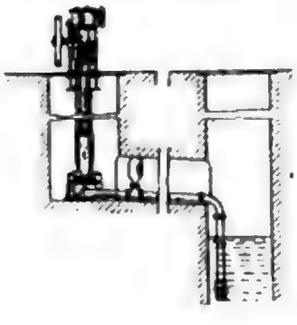
насосъ (m) компаундъ
pompa (f) compound a vapore
bomba (f) de vapor compound

6 Taucherkolbenpumpe (f)
plunger pump
pompe (f) à piston plongeur

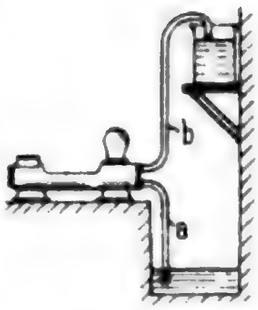
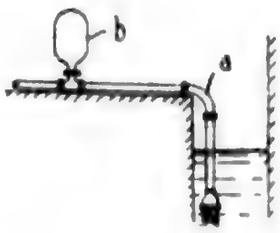
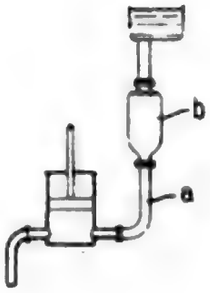


насосъ съ ныряющими *или* со скальчатыми поршнями
pompa (f) a stantuffo tuffante
bomba (f) de émbolo buzo

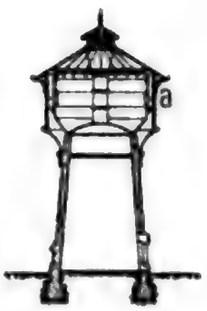
7 Schachtpumpe (f)
shaft-pump
pompe (f) de puits



насосъ (m), устанавливаемый въ колодцѣ
pompa (f) per pozzi
bomba (f) para pozo

Pumpengestänge (n) spars scaffold tiges (f pl) de pompe		штанги (f pl) насоса asta (f) della pompa vástagos (m pl) de la bomba	1
Wasserleitung (f) water conduit *or* pipes conduite (f) d'eau, canalisation (f) d'eau		водопроводъ (m) condotta (f) d'acqua conducción (f) ó canalización (f) de agua	2
Saugleitung (f) suction conduit *or* pipes conduite (f) d'aspiration	a	всасывающій трубопроводъ (m) condotta (f) aspirante tubería (f) de aspiración	3
Druckleitung (f) delivery conduit *or* pipes conduite (f) de refoulement	b	нагнетательный *или* напорный трубопроводъ (m) condotta (f) premente tubería (f) de impulsión ó de presión	4
Saugrohr (n) suction pipe tuyau (m) d'aspiration	 a	всасывающая труба (f) tubo (m) aspirante tubo (m) de aspiración	5
Saugwindkessel (m) suction air-chamber réservoir (m) à air de l'aspiration	b	воздушный колпакъ (m) всасыванія camera (f) d'aria aspirante recipiente (m) de aire de aspiración	6
Steigrohr (n), Druckrohr (n) rising main tuyau (m) de refoulement	 a	нагнетательная труба (f) tubo (m) montante *o* premente tubo (m) ascendente ó de ascenso	7
Druckwindkessel (m) delivery air chamber réservoir (m) d'air du refoulement	b	воздушный колпакъ (m) нагнетанія camera (f) d'aria premente depósito (m) de aire de impulsión	8
Entlüftungsventil (n) relief-valve ventouse (f) *ou* soupape (f) à air		воздушный клапанъ (m); вантузъ (m) valvola (f) per l'aria ventosa (f)	9

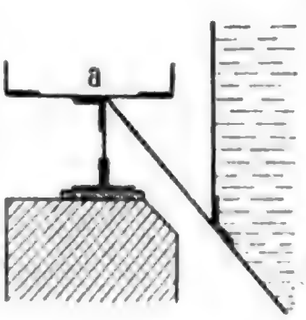
1	Aufspeicherung (f) des Wassers storage of water approvisionnement (m) d'eau	набираніе (n) запаса воды accumulazione (f) d'acqua acumulación (f) del agua
2	Wasserbehälter (m), reservoir *or* tank réservoir (m) d'eau	водоёмъ (m); водоёмное зданіе (n) serbatoio (m) d'acqua rifornitore (m) depósito (m) de agua
3	Wasserturm (m) water tower château (m) d'eau	водоёмная *или* водонапорная башня (f) castello (m) d'acqua torre (f) de agua
4	Hochbehälter (m) high-level-tank, elevated reservoir réservoir (m) aérien, réservoir (m) surélevé *ou* de distribution	высоко поставленный (напорный) резервуаръ (m) *или* бакъ (m) serbatoio (m) elevato *o* posto in alto depósito (m) elevado
5	Fallrohr (n) down main, service pipe tuyau (m) descendant *ou* de distribution	спускная труба (f) tubo (m) di scarico tubo (m) descendente *ó* de descenso
6	Überlaufrohr (n) overflow pipe tube (m) de trop-plein	сливная труба (f) tubo (m) dello sfioratore *o* di troppo pieno tubo (m) de desagüe
7	Trägerring (m), Stützring (m) annular supporting girder *or* supporting ring plateau (m) annulaire d'appui	кольцевая балка (f); опорное кольцо (n) armatura (f) annulare di sostegno apoyo (m) anular
8	gemauerter Behälter (m), Wasserkeller (m), Zisterne (f), Untergrundreservoir (n) underground reservoir of masonry, tank citerne (f)	водоёмъ (m) изъ каменной кладки; цистерна (f) serbatoio (m) sotterraneo murato cisterna (f), aljibe (m)



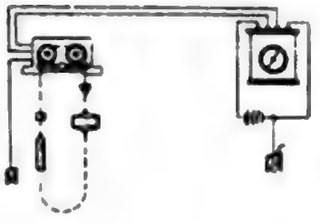
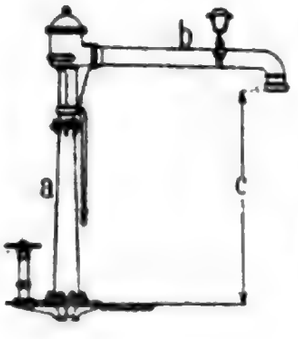
a

a

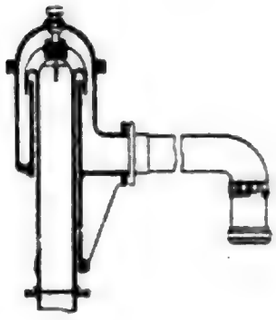
b



a

Wasserstandzeiger (m) water-level indicator indicateur (m) de niveau d'eau		указатель (m) уровня воды; водоуказатель (m); водоуказательный приборъ (m) indicatore (m) del livello d'acqua indicador (m) del nivel de agua	1
Wasserstandfernmelder (m) water-level tele-indicator, remote controlled water-level indicator indicateur (m) de niveau d'eau à distance		водоуказатель (m) *или* указатель (m) уровня воды на далёкое разстояніе indicatore (m) a distanza del livello d'acqua teleindicador (m) *ó* indicador (m) á distancia del nivel de agua	2
Verteilung (f) des Wassers water-distribution distribution (f) de l'eau		распредѣленіе (n) воды distribuzione (f) d'acqua distribución (f) del agua	3
Zapfstelle (f), Entnahmestelle (f) point of water-supply prise (f) d'eau		водоразборный пунктъ (m) *или* кранъ (m) luogo (m) di presa punto (m) de toma	4
Wasserkran (m) water (jib) crane grue (f) d'alimentation, grue (f) hydraulique		путевой *или* гидравлическій кранъ (m); гидравлическая колонна (f) gru (f) d'alimentazione, colonna (f) idraulica grúa (f) hidráulica *ó* de alimentación *ó* alimentadora	5
Kransäule (f) water crane standard *or* column fût (m) *ou* colonne (f) de grue	a	колонна (f) крана colonna (f) della gru columna (f) de la grúa	6
Kranausleger (m) water crane jib *or* arm bras (m) *ou* volée (f) de grue	b	рукавъ (m) крана braccio (m) della gru brazo (m) de la grúa	7
Ausgußhöhe (f) height of delivery hauteur (f) de déversement	c	высота (f) вытеканія altezza (f) di efflusso altura (f) de caída	8
fester Ausleger (m) fixed jib bras (m) fixe		неподвижный рукавъ (m) espositore (m) fisso brazo (m) fijo	9
drehbarer Ausleger (m) swing jib volée (f) mobile *ou* à giration		подвижной рукавъ (m) espositore (m) rotativo brazo (m) giratorio	10

1 Krankopf (m), Kranhaube (f)
crane head
tête (f) de grue



головка (f) *или* насадка (f) крана
testa (f) della gru, cuffia (f) della gru
cabeza (f) de la grúa

2 Ausguß (m)
mouth
nez (m) *ou* bec (m) [de grue]

устье (n) рукава
scolatore (m)
boca (f) [de la grúa]

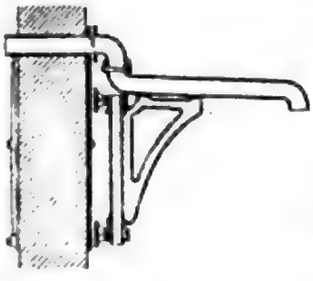
3 Fülltrichter (m)
filling funnel
entonnoir (m) de remplissage

воронка (f) для наполненія
imbuto (m) di riempimento
embudo (m) de relleno

4 freistehender Wasserkran (m)
independent *or* isolated water crane
grue (f) hydraulique isolée

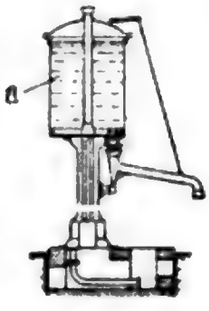
отдѣльностоящій путевой *или* водонапорный *или* гидравлическій кранъ (m)
gru (f) d'alimentazione indipendente
grúa (f) de alimentación independiente *ó* aislada

5 Wandwasserkran (m)
water crane attached to a wall
grue (f) alimentaire murale *ou* d'applique



стѣнной путевой *или* гидравлическій кранъ (m); настѣнный гидравлическій кранъ
gru (f) d'alimentazione murale
grúa (f) mural de alimentación

6 Behälterwasserkran (m), [Reservoir-Kran (m)]
tank water crane
grue (f) hydraulique à rèservoir



резервуарный кранъ (m)
gru (f) [d'alimentazione] a serbatoio
grúa (f) depósito de alimentación

7 Hilfsbehälter (m)
service *or* auxiliary tank
rèservoir (m) auxiliaire

a

вспомогательный бакъ (m) *или* резервуаръ (m)
serbatoio (m) ausiliare
depósito (m) auxiliar

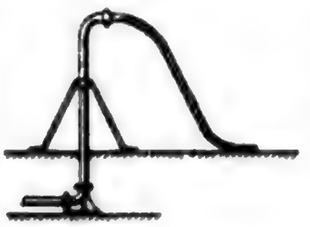
Wasserkran (m) mit Heizvorrichtung
water crane with heating arrangement
grue (f) hydraulique avec appareil de chauffage *ou* à réchauffeur

путевой кранъ (m) съ приборомъ для подогрѣванія
gru (f) d'alimentazione con disposizione di riscaldamento
grúa (f) hidráulica con aparato de califacción
1

Wasserkran (m) für Trink- und Gebrauchwasser
water crane for general use
grue (f) fournissant l'eau pour l'usage ordinaire

водоразборный кранъ (m)
gru (f) d'alimentazione per acqua potabile ed uso ordinario
grúa (f) de alimentación de agua potable
2

Standrohr (n) mit Füllschlauch
stand pipe with filling hose
tuyau (m) vertical avec boyau de remplissage

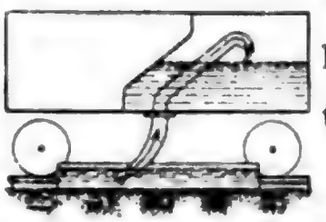


вертикальная труба (f) съ рукавомъ для наполненія
tubo (m) verticale con manica di riempimento
tubo (m) vertical con tubo flexible de relleno
3

Wasserfassen (n)
taking water
prise (f) *ou* alimentation d'eau

набираніе (n) воды
presa (f) d'acqua
toma (f) de agua
4

Wassernehmen (n) während der Fahrt
picking up water whilst running, scooping
prise (f) d'eau sans arrêt *ou* alimentation (f) en marche



набираніе (n) воды во время хода
presa (f) d'acqua durante la corsa
toma (f) de agua, [sin necesidad de parada *ó* durante el rodamiento]
5

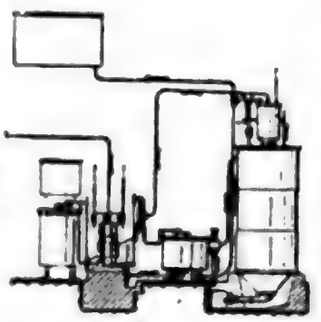
Schöpfkanal (m)
water trough, pick-up trough, scoop-channel
canal (m) *ou* rigole (f) de prise d'eau

жёлобъ (m) *или* лотокъ (m), наполненный водой
canale (m) d'alimentazione *o* di presa
canal (m) de alimentación *ó* de toma de agua
6

Speisewasserreinigung (f)
purification of feed water
épuration (f) de l'eau d'alimentation

очистка (f) питательной воды; очистка воды для питанія
depurazione (f) dell'acqua d'alimentazione
depuración (f) del agua de alimentación
7

Wasserreinigungsanlage (f)
water purification plant
installation (f) d'épuration d'eau



установка (f) водоочистителей; устройства (n pl) для очистки воды
depuratore (m) dell'acqua d'alimentazione
instalación (f) para la depuración del agua
8

1	Rohwasser (n), Naturwasser (n) natural water eau (f) brute, eau (f) naturelle *ou* non épurée	сырая вода (f); натуральная вода acqua (f) impura, acqua (f) naturale agua (f) natural
2	gereinigtes Wasser (n) purified water eau (f) épurée	очищенная вода (f) acqua (f) depurata agua (f) depurada
3	mechanische Verunreinigung (f) mechanical impurity souillure (f) [de l'eau] par entraînement des impuretes	механическое загрязненіе (n); загрязненіе отъ механически примѣшанныхъ земляныхъ частей impurità (f) meccanica impurezas (f pl) mecánicas
4	Klärung (f) des Wassers clarification of water clarification (f) de l'eau	процѣживаніе (n) воды decantazione (f) *o* chiarificazione (f) del l'acqua clarificación (f) del agua
5	Klärbehälter (m) settling tank décanteur (m), réservoir (m) de clarification	отстойный сосудъ (m) (резервуаръ (m), бассейнъ (m), ящикъ (m)) decantatore (m), serbatoio (m) di decantazione decantador (m), depósito (m) de clarificación
6	Filter (n) filter filtre (m)	фильтръ (m) filtro (m) filtro (m)
7	Filterschicht (f) filter bed couche (f) filtrante	фильтрующій слой (m) strato (m) filtrante capa (f) filtradora
8	chemische Verunreinigung (f) chemical impurity souillure (f) par des substances chimiques	химическое загрязненіе (n); загрязненіе воды отъ химически растворённыхъ въ ней элементовъ impurità (f) chimica impurezas (f pl) químicas
9	Ausfällung (f) der Verunreinigung precipitation of impurities précipitation (f) des impuretés	выдѣленіе (n) или осажденіе (n) примѣсей precipitazione (f) delle impurità precipitación (f) de las impurezas
10	Fällmittel (n), Niederschlagmittel (n) precipitant, precipitating agent précipitant (m), agent (m) de précipitation	осадочное средство (n); осаждающее вещество (n) reagente (m) precipitante precipitante (m), agente (m) de precipitación

a

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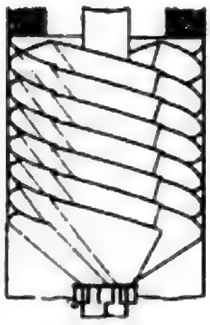
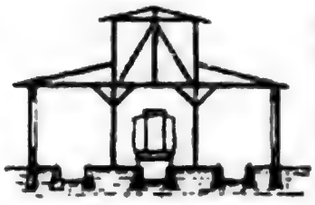
Abscheidungsstoff (m), Niederschlag (m) precipitate, deposit, sediment matière (f) précipitée, précipité (m), dépôt (m)		осадокъ (m) materia (f) eterogenea da separare, precipitato (m), deposito (m) materia (f) separada ó precipitada, precipitado (m), depósito (m), sedimento (m)	1
Härte (f) des Wassers hardness of water dureté (f) de l'eau		жёсткость (f) воды durezza (f) *o* crudezza (f) dell'acqua crudeza (f) del agua	2
hartes Wasser (n) hard water eau (f) dure *ou* crue		жёсткая вода (f) acqua (f) dura agua (f) cruda ó dura	3
weiches Wasser (n) soft water eau (f) douce		мягкая вода (f) acqua (f) dolce agua (f) dulce ó blanda	4
Enthärtung (f) *oder* Weichmachung (f) des Wassers softening of water adoucissement (m) de l'eau		смягченіе (n) воды addolcimento (m) dell'acqua endulzamiento (m) del agua	5
Mischgefäß (n) mixing-vessel vase (m) *ou* récipient (m) mélangeur		сосудъ (m) для смѣси recipiente (m) mescolatore recipiente (m) mezclador	6
selbsttätige Reinigungsvorrichtung (f) automatic purifier épurateur (m) automatique		автоматическое приспособленіе (n) для очистки воды depuratore (m) automatico depurador (m) automático	7
Klärgefäß (n) settling tank réservoir (m) décanteur *ou* de clarification	a	отстойный сосудъ (m) (резервуаръ (m), бассейнъ (m)) recipiente (m) di decantazione vaso (m) de decantación	8
Klärfläche (f) clarifying surface surface (f) clarifiante *ou* de clarification	b	поверхность (f) для отложенія осадковъ superficie (f) di decantazione superficie (f) de decantación	9
Kalksättiger (m) lime saturator saturateur (m) à chaux	c	известковый насытитель (m) saturatore (m) a calce saturador (m) de cal	10



1 schraubenförmig gewundene Klärfläche (f)
spiral clarifying surface
surface (f) hélicoïdale de décantation

винтообразная поверхность (f) отложенія осадковъ
superficie (f) di decantazione a spirale
superficie (f) de decantación en espiral



2 Wagenschuppen (m)
carriage-shed, car-shed
hangar (m) à wagons, remise (f) à voitures

вагонный сарай (m)
rimessa (f) [per] veicoli (vetture carri)
cochera (f) para los vagones

---

3 Wagenuntersuchungsschuppen (m), Inspektionsschuppen (m)
shed for inspecting cars
hangar (m) d'inspection des wagons

сарай (m) для осмотра вагоновъ
rimessa (f) d'ispezione dei veicoli
cobertizo (m) para la inspección de los vagones

---

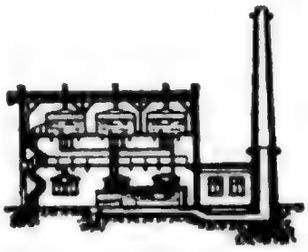
4 Reinigungsanlage (f)
purification plant
installation (f) d'épuration

устройство (n pl) для очистки
impianto (m) di pulizia
instalación (f) de depuración

---

5 Entseuchung (f) der Wagen
disinfection of carriages
désinfection (f) des wagons

дезинфекція (f) вагоновъ
disinfezione (f) dei veicoli
desinfección (f) de los vagones



6 Heißwasserstation (f)
hot water supply station
poste (m) d'eau chaude *ou* chaufferie (f)

зданіе (n) *или* станція (f) для приготовленія горячей воды
centrale (f) d'acqua calda
instalación (f) para la distribución de agua caliente

---

7 Reinigungsgleis (n), Desinfektionsgleis (n)
cleaning siding
voie (f) de nettoyage *ou* de lavage

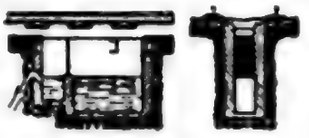
чистильный путь (m): путь для чистки
binario (m) di pulizia
via (f) de limpieza

---

8 Dunggrube (f)
cleaning pit
fosse (f) pour le nettoyage des véhicules

канава (f) для чистки вагоновъ
fossa (f) di pulizia del carreggio
foso (m) de limpieza [de los vagones]

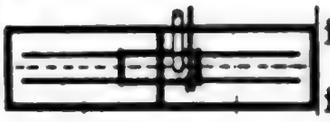
Schlammfang (m), Sandfang (m), Klärbrunnen (m)
mud chamber *or* settling pit
collecteur (m) de boues, puisard (m)



стокъ (m) для нечистотъ; колодезь (m) для удержанія песка
collettore (m) del fango
colector (m) de fango

1

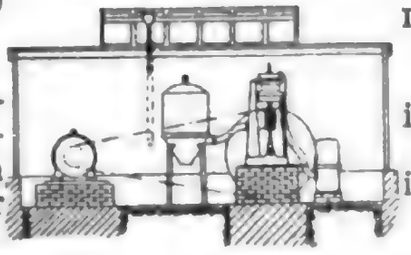
Entseuchungsanstalt (f), Desinfektionsanlage (f)
disinfection plant
installation (f) *ou* usine (f) de désinfection



зданіе (n) для дезинфекціи
impianto (m) di disinfezione
instalación (f) de desinfección

2

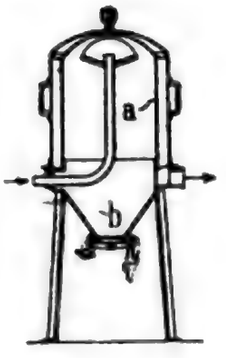
Staubabsauganlage (f)
vacuum cleaning plant
installation (f) d'enlèvement de la poussière par aspiration *ou* de nettoyage par le vide



пылеочистительная установка (f); установка пылесосовъ
impianto (m) di aspirazione della polvere
instalación (f) de aspiración del polvo

3

Staubfilter (n)
dust filter
filtre (m) à poussière



фильтръ (m) для пыли
filtro (m) per la polvere
filtro (m) de polvo

4

a

Staubsammler (m)
dust collector
collecteur (m) de poussière

b

пылепріемникъ (m); пылесобиратель (m)
collettore (m) della polvere
colector (m) de polvo

5

Materialschuppen (m)
shed for stores
hangar (m) *ou* remise (f) à matériel

магазинъ (m); матеріальный складъ (m)
magazzino (m) per materiali
cobertizo (m) para el material

6

3. Ausrüstung der Bahnhöfe mit Anlagen verschiedener Art
Equipment of Stations with Plants of Different Kind
Installations et accessoires divers des gares

Оборудованіе вокзаловъ различнаго рода устройствами
Installazioni nelle stazioni ed accessori diversi
Instalaciones e accesorios diversos de las estaciones de ferrocarril

7

Beleuchtungsanlagen (f pl)
lighting installation
installations (f pl) d'éclairage

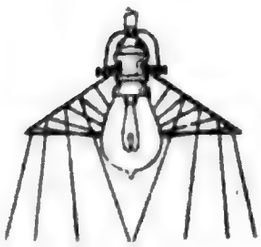
устройство (n) освѣщенія
impianti (m pl) d'illuminazione
instalaciones (f pl) de alumbrado

8

1	Bahnhof[s]beleuchtung (f) lighting of the station éclairage (m) de la gare	станціонное освѣщеніе (n) illuminazione (f) della stazione alumbrado (m) de la estación
2	Innenbeleuchtung (f) interior lighting éclairage (m) intérieur	внутреннее освѣщеніе (n) illuminazione (f) interna alumbrado (m) interior
3	Außenbeleuchtung (f) exterior lighting, external lighting éclairage (m) extérieur	наружное освѣщеніе (n) illuminazione (f) esterna alumbrado (m) exterior
4	Lichtstärke (f) luminous intensity intensité (f) lumineuse	сила (f) свѣта intensità (f) luminosa intensidad (f) luminosa
5	Normalkerze (f) standard candle bougie (f) normale	нормальная свѣча (f) candela (f) normale bujía (f) normal
6	Lichtverteilung (f) distribution of light distribution (f) de la lumière	распредѣленіе(n) свѣта distribuzione (f) della luce distribución (f) de la luz
7	gleichförmige Lichtquelle (f) uniform source of light source (f) de lumière uniforme	равномѣрный источникъ (m) свѣта sorgente (f) di luce uniforme foco (m) de luz uniforme
8	ungleichförmige Lichtquelle (f) non-uniform source of light source (f) de lumière non uniforme	неравномѣрный источникъ (m) свѣта sorgente (f) di luce non uniforme foco (m) de luz no uniforme
9	Beleuchtungsstärke (f), Helligkeit (f) intensity of illumination intensité (f) d'éclairage, éclat (m)	интенсивность (f) *или* сила (f) освѣщенія; яркость (f) intensità (f) luminosa, chiarezza (f) intensidad (f) de alumbrado
10	Meterkerze (f) meter candle bougie-mètre (f)	метръ-свѣча (f); свѣча на разстояніе метра candela-metro (f) bujía (f) métrica
11	Beleuchtungslinie (f) curve of illumination courbe (f) d'intensité d'éclairage	линія (f) освѣщенія linea (f) delle intensità luminose curve (f) de intensidad del alumbrado
12	[Lampen-]Brennstunde (f) lamp-hour heures (f pl) d'eclairage des lampes, durée (f) d'éclairage	часъ (m) горѣнія ora (f) d'illuminazione d'una lampada horas (f pl) de alumbrado [de una lampara]

Beleuchtungsmittel (n) means of illumination moyen (m) d'éclairage		освѣтительный матеріалъ (m) mezzo (m) d'illuminazione medio (m) de alumbrado	1
Laterne (f) lamp lanterne (f)		фонарь (m) fanale (m) linterna (f), farol (m)	2
Pfahllaterne (f) lamp post lanterne (f) sur poteau *ou* candelabre (m) *ou* réverbère (m)	a	фонарь (m) на столбѣ fanale (m) su colonna farol (m) de poste	3
Wandarm (m) wall bracket console (f)	b	кронштейнъ (m) fanale (m) a mensola brazo (m) *ó* soporte (m) de pared	4
elektrische Bahnhof[s]-beleuchtung (f) electric lighting of a station éclairage (m) électrique de la gare		электрическое освѣщеніе (n) станціи illuminazione (f) elettrica della stazione alumbrado (m) eléctrico de la estación	5
Glühlampe (f) glow-lamp, incandescent lamp (A) lampe (f) à incandescence		калильная лампа (f); лампочка (f) накаливанія lampadina (f) ad incandescenza lámpara (f) de incandescencia *ó* incandescente	6
Bogenlampe (f) arc-lamp lampe (f) à arc		дуговая лампа (f) lampada (f) ad arco lámpara (f) de arco, arco (m)	7
Gleichstromlampe (f) continuous current lamp lampe (f) à courant continu		лампа (f) постояннаго тока lampada (f) a corrente continua lámpara (f) de corriente continua	8
Wechselstromlampe (f) alternating current lamp lampe (f) à courant alternatif		лампа (f) перемѣннаго тока lampada (f) a corrente alternata lámpara (f) de corriente alterna	9

1 unmittelbare *oder* direkte Beleuchtung (f)
direct lighting
éclairage (m) direct



непосредственное *или* прямое освѣщеніе (n)
illuminazione (f) diretta
alumbrado (m) directo

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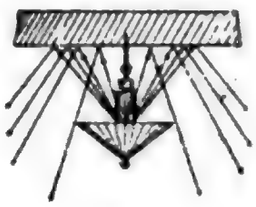
2 mittelbare *oder* indirekte Beleuchtung (f)
indirect lighting
éclairage (m) indirect *ou* par réflexion



косвенное освѣщеніе (n); освѣщеніе отражённымъ свѣтомъ
illuminazione (f) indiretta
alumbrado (m) indirecto *ó* por reflexión

---

3 Lampenmast (m)
lamp post *or* pole (A)
poteau (m) de lampe, mât (m) de lampe

a

столбъ (m) *или* мачта (f) для (дуговыхъ) лампъ
palo (m) *o* antenna (f) per lampade, faro (m)
poste (m) para lámpara

---

4 verschiebbare Bogenlampe (f)
movable arc-lamp
lampe (f) à arc mobile

передвигаемая лампа (f)
lampada (f) ad arco mobile
lámpara (f) de arco móvil

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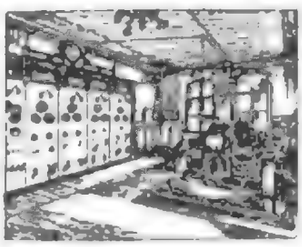
5 Stromerzeugungsanlage (f)
electric generating plant
installation (f) électrogène *ou* usine (f) électrique



[токо]генераторная станція (f)
impianto (m) generatore di corrente
instalación (f) electrógena, central (f) eléctrica

---

6 mittelbare Stromverteilung (f)
indirect distribution of current
distribution (f) de courant indirecte

не прямое *или* косвенное распредѣленіе (n) тока
distribuzione (f) indiretta di corrente
distribución (f) de corriente indirecta

---

7 unmittelbare Stromverteilung (f)
direct distribution of current
distribution (f) de courant directe

непосредственное распредѣленіе (n) тока
distribuzione (f) diretta di corrente
distribución (f) de corriente directa

---

8 Stromverbrauchstelle (f)
point of consumption of current
endroit (m) *ou* point (m) de consommation du courant

мѣсто (n) расхода *или* потребленія тока
luogo (m) di consumo della corrente
punto (m) *ó* lugar (m) de consumo de la corriente

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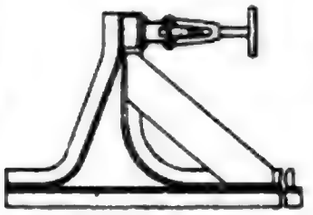
Beleuchtungswagen (m)
lighting car
voiture (f) pour l'éclairage (du train)

вагонъ (m) приборовъ освѣщенія
carro (m) [per] luce 1
coche (m) con instalación de alumbrado

Bahnhof[s]heizung (f)
heating of the station
chauffage (m) de la gare

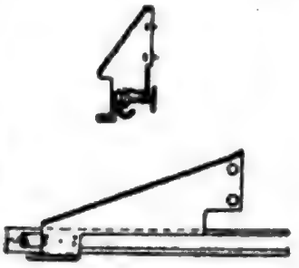
отопленіе (n) станціи
riscaldamento (m) della stazione 2
calefacción (f) ó caldeo (m) de la estación

Prellbock (m), Pufferwehr (f), Pufferständer (m), Gleisabschluß (m)
buffer stop, bumping post (A)
heurtoir (m)



упоръ (m); упорный брусъ (m); упорный столбъ (m) 3
respingenti (m) fissi
tope (m) [fijo]

Aufgleisungsschuh (m)
rerailing ramp
rampe (f) *ou* bloc (m) *ou* taquet (m) *ou* sabot (m) de remise sur rail



башмакъ (n) для наводки на рельсы сшедшаго съ рельсовъ вагона
scarpo (f) per rimettere i veicoli tul binario 4
rampa (f) de encarrilamiento

VII.

Elektrische Bahnanlagen

Electric Railway Installations

Installations de chemins de fer électriques

Устройства для электрическихъ желѣзныхъ дорогъ

Impianti per ferrovie elettriche

Instalaciones para ferrocarriles eléctricos

Allgemeines
Generalities
Généralités

Общія понятія
Generalità
Parte general

elektrischer Fahrbetrieb (m)
2 electric traction
traction (f) électrique

электрическая тяга (f)
trazione (f) elettrica
tracción (f) eléctrica

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elektrischer Vollbahnbetrieb (m)
standard gauge electric railway working, electric trunk line service
3 exploitation (f) d'un chemin de fer électrique à voie normale *ou* d'une grande ligne

желѣзнодорожное движеніе (n) съ электрической тягою; эксплоатація (f) нормальной электрической желѣзной дороги
esercizio (m) di ferrovia elettrica principale
explotación (f) de un ferrocarril eléctrico de vía normal

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elektrischer Nebenbahnbetrieb (m)
electric working of secondary railways
4 exploitation (f) d'une ligne secondaire *ou* auxiliaire électrique

эксплоатація (f) электрической дороги второстепеннаго значенія
esercizio (m) di linea ausiliare
explotación (f) de un ferrocarril eléctrico auxiliar

elektrische Straßenbahn (f) electric tramway, electric street railway tramway (m) électrique	электрическій трамвай (m); городская электрическая желѣзная дорога (f) tramvia (f) elettrica, tram (m) elettrico tranvía (m) eléctrico	1
Traktionskoeffizient(m), Traktionszahl (f) traction coefficient coefficient (m) de traction	коеффиціентъ (m) тяги coefficiente (m) di trazione coeficiente (m) de tracción	2
Amperestunde (f) ampere-hour ampère-heure (m) a-h	амперъ-часъ (m) amperora (f), ampère-ora (f) amperio-hora (m)	3
Wattstunde (f) watt-hour watt-heure (m), w-h	ваттъ-часъ (m); уаттъ-часъ (m) wattora (f), watt-ora (f) vatio-hora (m)	4
Kilowattstunde (f) kilowatt hour, Board of Trade unit kilowatt-heure (m)	киловаттъ-часъ (m) chilowattora (f) kilovatio-hora (m)	5
Wattstundenverbrauch (m) watt-hour consumption consommation (f) *ou* dépense (f) en watt-heures	расходъ (m) въ ваттъ-часахъ consumo (m) in wattore consumo (m) en vatios-horas	6
Wattverbrauch (m) watt consumption puissance (f) consommée [exprimée] en watts, consommation (f) en watts	потребленіе (n) въ ваттахъ; расходъ (m) въ уаттахъ consumo (m) in watt consumo (m) en vatios *ó* de vatios	7
elektrische Pferdekraft (f) electric horse-power cheval (m) electrique	электрическая лошадиная сила (f) forza (f) cavallo elettrica caballo (m) eléctrico	8
Stromverbrauch (m) current consumption consommation (f) de courant	расходъ (m) тока; потребленіе (n) тока consumo (m) di corrente consumo (m) de corriente	9
Stromkosten (pl) cost of current prix (m) de revient du courant	стоимость (f) тока costo (m) della corrente coste (m) de la corriente	10
zurückgewonnene Energie (f) regenerated *or* restored energy énergie (f) restituée *ou* récupérée	возвращённая *или* возстановленная энергія (f) energia (f) ricuperata energia (f) recuperada	11

1	Anfahrstrom (m) starting current courant (m) de démarrage	токъ (m) при троганіи съ мѣста corrente (f) d'avviamento corriente (f) de arranque
2	Gleichstrombahn (f) direct *or* continuous current railway voie (f) *ou* ligne (f) électrique à courant continu	дорога (f) постояннаго тока ferrovia (f) a corrente continua ferrocarril (m) de corriente continua
3	Gleichstrombetrieb (m) continuous current working *or* operation, direct current service service (m) *ou* exploitation (f) à courant continu	работа (f) постояннымъ токомъ esercizio (m) a corrente continua explotación (f) con corriente continua
4	Wechselstrombahn (f) alternating current railway ligne (f) électrique à courant alternatif	дорога (f) перемѣннаго тока ferrovia (f) a corrente alternata ferrocarril (m) de corriente alterna
5	Einphasenbahn (f) single-phase railway ligne (f) électrique monophasée	дорога (f) однофазнаго тока ferrovia (f) [a corrente] monofase ferrocarril (m) monofásico
6	Drehstrombahn (f) three-phase railway ligne (f) électrique triphasée	дорога (f) трёхфазнаго тока ferrovia (f) [a corrente] trifase ferrocarril (m) trifásico
7	Stromstärke (f) (strength of) current, (intensity of) current intensité (f) de courant	сила (f) тока intensità (f) di corrente intensidad (f) de corriente
8	Betriebstromstärke (f) working current ampérage (m) [du courant] de régime	сила (f) рабочаго тока intensità (f) di corrente di regime, amperaggio (m) intensidad (f) ó amperaje (m) [de la corriente] de régimen
9	Stromrichtung (f) direction of current sens (m) du courant	направленіе (n) тока senso (m) della corrente sentido (m) ó dirección (f) de la corriente
10	Spannung (f) voltage, pressure, potential tension (f), voltage (m)	напряженіе (n) tensione (f), voltaggio (m) tensión (f), voltaje (m)
11	Betriebspannung (f) working pressure voltage (m) de régime	рабочее напряженіе (n) tensione (f) di regime *o* di servizio tensión (f) ó voltaje (m) de servicio ó de régimen

Fahrdrahtspannung (f)
contact line voltage
tension (f) du fil de ligne

напряженіе (n) рабочаго провода
tensione (f) del filo di linea
tensión (f) del alambre de linea

1

Klemmenspannung (f)
terminal voltage *or* pressure
tension (f) *ou* voltage (m) *ou* différence (f) de potentiel aux bornes

a

напряженіе (n) у зажимовъ
tensione (f) ai morsetti
tensión (f) entre los bornes ó las bornas

2

Spannungssteigerung (f)
rise *or* increase of pressure *or* voltage
augmentation (f) *ou* accroissement (m) de voltage *ou* de tension

повышеніе (n) напряженія
aumento (m) di tensione
aumento (m) de voltaje ó de tensión

3

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die Spannung sinkt
the pressure *or* voltage falls, drops *or* decreases
la tension *ou* le voltage baisse

напряженіе (n) падаетъ *или* понижается
la tensione diminuisce *o* si abbassa
la tensión baja ó disminuye

---

die Spannung einstellen (v)
to regulate the voltage
régler (v) la tension

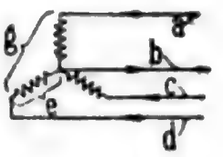
устанавливать напряженіе
regolare (v) la tensione
regular (v) la tensión

Spannung (f) gegen Erde
potential with respect to *or* above earth
tension (f) *ou* potentiel (m) par rapport à la terre

напряженіе (n) относительно земли
tensione (f) rispetto alla terra
tensión (f) con relación á la tierra

6

Phasenspannung (f)
phase voltage
voltage (m) par phase, tension (f) par phase



e

фазное напряженіе (n)
tensione (f) di fase
tensión (f) sencilla ó de fase

7

Sternspannung (f)
star voltage
tension (f) dans le montage en étoile

напряженіе (n) звѣзды; напряженіе при соединеніи звѣздой
tensione (f) a stella
tensión (f) de la conexión en estrella

8

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verkettete Spannung (f)
interlinked voltage, line voltage
tension (f) *ou* voltage (m) entre phases reliées, tension (f) composée

g

главное *или* междуфазное напряженіе (n)
tensione (f) concatenata *o* composta
tensión (f) entre fases unidas, tensión compuesta ó combinada

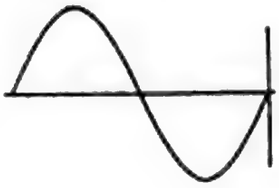
9

Gleichstrom (m)
direct *or* continuous current
courant (m) continu

постоянный токъ (m)
corrente (f) continua
corriente (f) continua

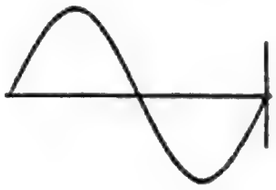
10

1 Wechselstrom (m)
alternating current
courant (m) alternatif



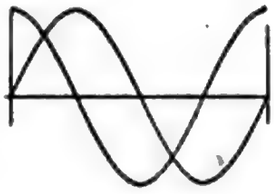
перемѣнный токъ (m)
corrente (f) alternata
corriente (f) alterna

2 Einphasen[wechsel]-strom (m)
single-phase [alternating) current
courant (m) [alternatif] monophasé *ou* simple



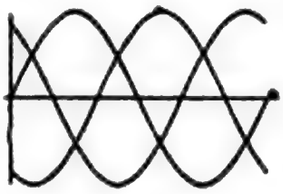
однофазный [перемѣнный] токъ (m)
corrente (f) alternata monofase
corriente (f) [alterna] monofásica

3 Zweiphasen[wechsel]-strom (m)
two-phase [alternating] current
courant (m) [alternatif] diphasé *ou* biphasé



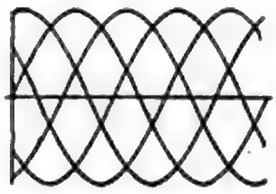
двухфазный [перемѣнный] токъ (m)
corrente (f) alternata bifase
corriente (f) [alterna] bifásica

4 Dreiphasen[wechsel]-strom (m), Drehstrom (m)
three-phase[alternating] current
courant (m) [alternatif] triphasé



трёхфазный [перемѣнный] токъ (m)
corrente (f) alternata trifase
corriente (f) [alterna] trifásica

5 Mehrphasen[wechsel]-strom (m)
multiphase *or* polyphase [alternating] current
courant (m) [alternatif] polyphasé



многофазный [перемѣнный] токъ (m)
corrente (f) alternata polifase
corriente (f) [alterna] polifásica

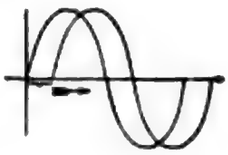
6 ein- (zwei-, drei-, mehr-) phasig (adj)
single- (two-, three-, multi)phase (adj)
monophasé, diphasé, triphasé, polyphasé (adj)

одно- (двух-, трёх-) фазный
mono-, (bi-, tri-, poli)-fase *o* fasico (agg)
mono- (bi-, tri-, poli)-fásico (adj)

7 Periodenzahl (f), Frequenz (f), Puls (m)
frequency, periodicity, number of cycles (per second)
fréquence (f), nombre (m) de périodes per seconde

частота (f); число (n) періодовъ
frequenza (f), numero (m) dei periodi [periodicità (f)]
frecuencia (f), número (m) de periodos

8 Phasenverschiebung (f)
phase-displacement
déphasage (m), décalage (m) du courant



сдвигъ (m) *или* смѣщеніе (n) фазъ
spostamento (m) di fase, sfasamento (m)
desplazamiento (m) *ó* discordancia (f) de fases, avance (m) de fase *ó* retraso de fase)

9 Phasenverschiebungswinkel (m)
angle of phase displacement
angle (m) de décalage [de phases]

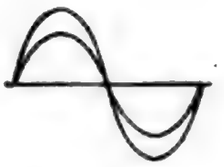
уголь (m) сдвига фазъ
angolo (m) di spostamento delle fasi
ángulo (m) de desplazamiento *ó* de discordancia de fases

die Phase verschieben (v)
to shift the phase
decaler (v) les phases

сдвинуть фазы
le fasi differiscono (v) o sono spostate
desplazar (v) las phases

1

Phasengleichheit (f)
phase-coincidence
coïncidence (f) *ou* concordance (f) de phases



совпаденіе (n) фазъ
concordanza (f) di fasi, consonanza (f) di fasi
concordancia (f) de fases

2

Phasenunterschied (m)
difference of phases, phase difference
différence (f) de phases

разность (f) фазъ
differenza (f) di fasi
diferencia (f) de fases

3

Phasenfolge (f)
succession of phases
succession (f) de phases

послѣдовательность (f) фазъ
successione (f) delle fasi
sucesión (f) de las fases

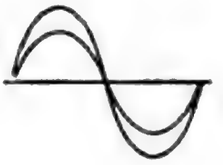
4

in der Frequenz übereinstimmen (v)
to be of the same frequency
avoir (v) la même fréquence

одинаковой частоты
avere (v) la medesima frequenza
tener (v) la misma frecuencia

5

in Phase
in phase *or* in step
en phase



въ фазѣ; одинаковой фазы
in fase
en fase

6

außer Phase
out of phase
hors phase

не въ фазѣ; фазы не совпадаютъ
spostato di fase, fuori di fase, sfasato
fuera de fase

7

Phasenindikator (m)
phase indicator
indicateur (m) de phases

индикаторъ (m) *или* указатель (m) фазъ
indicatore (m) delle fasi
indicador (m) de fases

8

nacheilen (v)
to lag
retarder (v)

отстать, отставать; запоздать, запаздывать
ritardare (v)
retardar (v)

9

voreilen (v)
to lead
avancer (v)

опере-дить (-жать)
avanzare (v)
avanzar (v)

10

außer Tritt fallen (v)
to fall out of step
tomber (v) hors phase, se décrocher (v)

терять синхронизмъ
uscire (v) ó sortire (v) [dalla velocita] di sincronismo
perder (v) el sincronismo

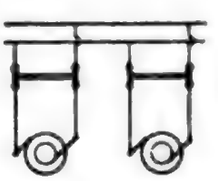
11

die Phasen vertauschen (v)
to exchange the phases
permuter (v) les phases

перемѣнить фазы
scambiare (v) le fasi
cambiar (v) las fases

12

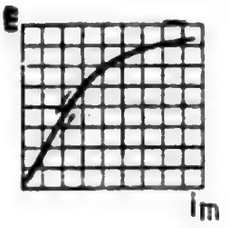
Parallellauf (m), Parallelgang (m), Parallelarbeiten (n)
working *or* running in parallel *or* in multiple (A)
marche (f) en parallèle



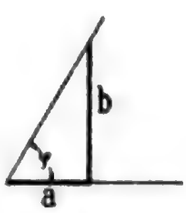
параллельный ходъ (m); параллельная работа (f)
marcia (f) in parallelo
marcha (f) en paralelo

13

1	parallel laufen (v) to run in parallel *or* in multiple (A) fonctionner (v) en parallèle	работать параллельно marciare (v) in parallelo funcionar (v) en paralelo
2	Parallelschalten (n) von Wechselstrommaschinen connecting alternators in parallel *or* in multiple (A), paralleling alternators mise (f) *ou* couplage (m) en parallèle de machines à courant alternatif	параллельное включеніе (n) машинъ перемѣннаго тока messa (f) in parallelo di macchine a corrente alternata acoplamiento (m) en paralelo de máquinas de corriente alterna
3	Ausgleichstrom (m) equalising current courant (m) de compensation	уравнительный токъ (m) corrente (f) di compensazione *o* d'equilibrio corriente (f) de compensación
4	Synchronismus (m) synchronism synchronisme (m)	синхронизмъ (m) sincronismo (m) sincronismo (m)
5	synchron (adj) synchronous (adj) synchrone (adj)	синхронный sincrono (agg) sincrónico (adj), sincrono (adj)
6	asynchron ((adj) asynchronous (adj) asynchrone (adj)	асинхронный asincrono (agg) asincrónico (adj), asincrono (adj)
7	übersynchron (adj) hypersynchronous (adj), above synchronous (adj) hypersynchrone (adj) *ou* dont la vitesse est supérieure au synchronisme	выше синхронизма sursincrono (agg), ipersincrono (agg), con velocità superiore al sincronismo sobrexcitado (adj) en avance, hipersincrónico (adj)
8	untersynchron (adj) hyposynchronous (adj), under synchronous (adj) hyposynchrone (adj) *ou* dont la vitesse est inférieure au synchronisme	ниже синхронизма sottosincrono (agg), iposincrono (agg), con velocità inferiore al sincronismo subexcitado (adj) en retraso
9	Kaskadensynchronismus (m) cascade synchronism synchronisme (m) de deux moteurs connectés en cascade	каскадный синхронизмъ (m) sincronismo (m) in cascata sincronismo (m) en cascada

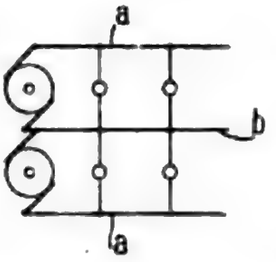
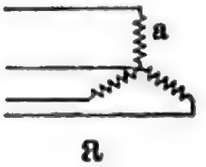
Leistungsfaktor (m) power factor facteur (m) de puissance	cos φ	коеффиціентъ (m) мощности fattore (m) di potenza factor (m) de potencia	1
Belastungsfaktor (m) load factor facteur (m) de charge		коеффиціентъ (m) нагрузки fattore (m) di potenza *o* di carico factor (m) de carga	2
Leerlaufspannung (f) no-load voltage tension (f) *ou* voltage (m) à vide		напряженіе (n) при холостомъ ходѣ tensione (f) a vuoto tensión (f) á *ó* en vacío	3
Leerlaufstrom (m) no-load current courant (m) *ou* intensité (f) [du courant] à vide		токъ (m) при холостомъ ходѣ corrente (f) a vuoto corriente (f) á *ó* en vacío	4
Leerlaufcharakteristik (f) internal characteristic, no-load characteristic, saturation curve caractéristique (f) à vide *ou* à circuit ouvert		внутренняя характеристика (f); характеристика при холостомъ ходѣ caratteristica (f) interna *od* a vuoto caracteristica (f) en vacío	5
Induktion (f) induction induction (f)		индукція (f) induzione (f) inducción (f)	6
Selbstinduktion (f) self-induction self-induction (f)		самоиндукція (f) autoinduzione (f), self-induzione (f) autoinducción (f), self-inducción (f)	7
induzieren (v) to induce induire (v)		индуктировать indurre (v) inducir (v)	8
induktiv (adj) inductive (adj) inductif (adj)		индуктивный induttivo (agg) inductivo (adj)	9
induktionsfrei (adj) non-inductive (adj) sans induction, non inductif (adj)		безъиндукціонный privo (agg) d'induzione sin inducción, no inductivo (adj)	10
induktive Spannungskomponente (f) inductive voltage component composante (f) inductive de la tension		индуктивная составляющая (f) *или* слагающая (f) напряженія componente (f) induttiva della tensione componente (f) inductiva de la tensión	11
Ohmsche Spannungskomponente (f) ohmic voltage component composante (f) ohmique de la tension		омическая составляющая (f) *или* слагающая (f) напряженія componente (f) ohmica della tensione componente (f) óhmica de la tensión	12

1	Spannungsverlust (m) voltage drop, drop of pressure, loss of voltage, drop chute (f) de tension, perte (f) de tension	потеря (f) *или* паденіе (n) напряженія caduta (f) *o* perdita (f) di tensione caída (f) de tensión
2	induktiver Spannungsabfall (m) inductive voltage drop chute (f) inductive de voltage *ou* de tension	индуктивное *или* индукціонное паденіе (n) напряженія caduta (f) induttiva di tensione caída (f) inductiva de la tensión
3	Joulescher Verlust (m) ohmic loss perte (f) par effet Joule	потеря (f) на нагрѣваніе токомъ; омическая потеря perdita (f) per effetto Joule, perdita (f) ohmica pérdida (f) óhmica *ó* producida por el calentamiento *ó* por efecto de Joule
4	Ohmscher Spannungsverlust (m) ohmic voltage loss chute (f) de tension ohmique	омическая потеря (f) напряженія perdita (f) di tensione ohmica pérdida (f) óhmica de tensión
5	Wattstrom (m), Wattkomponente (f) des Stromes watt current, watt-component of current courant (m) watté, courant (m) de travail, composante (f) wattée	ваттный токъ (m); ваттная составляющая (f) *или* слагающая (f) тока corrente (f) attiva *o* wattata corriente (f) vatiada *ó* energética
6	wattloser Strom (m), wattlose Komponente (f) des Stromes wattless current, wattless component of current courant (m) déwatté, composante (f) du courant déwatté	безваттный токъ (m); безваттная составляющая (f) *или* слагающая (f) тока corrente (f) oziosa *o* swattata *o* in quadratura corriente (f) devatiada *ó* anergética
7	Kurzschlußstrom (m) short-circuit current courant (m) de court-circuit	токъ (m) короткаго замыканія; токъ при короткомъ замыканіи corrente (f) di corto-circuito corriente (f) de circuito corto
8	induktiver Widerstand (m) inductive resistance résistance (f) inductive	индуктивное *или* индукціонное сопротивленіе (n) resistenza (f) induttiva resistencia (f) inductiva



a

b

Temperaturerhöhung (f), Temperaturzunahme (f) increase of temperature surélévation (f) de température		повышеніе (n) температуры sopraelevazione (f) di temperatura aumento (m) de temperatura	1
Erwärmungsstrom (m) heating current couraut (m) d'échauffement		нагрѣвающій токъ (m) corrente (f) di riscaldamente corriente (f) de calentamiento	2
Dreileitersystem (n) three-wire system système (m) à trois conducteurs *ou* fils		трёхпроводная система (f) sistema (m) a tre fili sistema (m) de tres conductores ó trifilar	3
Mehrleitersystem (n) multi-wire system système (m) à plusieurs fils		многопроводная система (f) sistema (m) conduttore multifilo sistema (m) de conductores multiples	4
Außenleiter (m) outer, outer main *or* conductor conducteur(m)extérieur	a	внѣшній проводъ (m) *или* проводникъ (m) conduttore (m) *o* filo (m) esterno conductor (m) exterior	5
Mittelleiter (m), Nullleiter (m) neutral wire, third-wire, the neutral conducteur (m) *ou* fil (m) neutre *ou* du milieu, troisième (adj) conducteur fil	b	средній *или* нейтральный *или* нулевой *или* уравнительный проводъ (m) filo (m) neutro conductor (m) neutro ó compensador	6
geerdeter Mittelleiter (m) earthed neutral conducteur (m) neutre mis à la terre		заземленный средній *или* нейтральный проводъ (m); нулевой *или* уравнительный проводъ, соединенный съ землёй conduttore (m) neutro a terra conductor (m) neutro puesto á tierra	7
verketteter Zweiphasenwechselstrom (m) interlinked two-phase current courant (m) biphasé *ou* courant (m) diphasé avec fil de retour commun		сопряжённый двухфазный токъ (m) corrente (f) bifase a fasi concatenate corriente (f) alterna bifásica compuesta ó de fases enlazadas	8
neutraler Punkt (m) neutral point point (m) neutre	 a	нейтральная *или* нулевая точка (f) punto (m) neutro punto (m) neutro	9

Kraftanlagen

1 **Power Plants**

Stations génératrices

Генераторныя станцiи

Impianti di forza motrice

Instalaciones de fuerza motriz

2 Bahnkraftwerk (n), Bahnzentrale (f)
railway power station *or* powerhouse
centrale (f) de chemin de fer

желѣзнодорожная электрическая центральная станцiя (f)
centrale (f) elettrica per ferrovia
central (f) eléctrica *ó* de fuerza para ferrocarril

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3 Straßenbahnkraftwerk (n), Straßenbahnzentrale (f)
tramway *or* street railway power station *or* powerhouse
centrale (f) de tramway électrique

электрическая станцiя (f) городской желѣзной дороги; трамвайная электрическая [центральная] станцiя (f)
centrale (f) elettrica per tramvia
central (f) eléctrica *ó* de fuerza para tranvia

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4 Stromerzeugung (f)
generation of current production of current, production (f) du courant

добываніе (n) *или* производство (n) *или* выработка (f) тока
produzione (f) di corrente
generación (f) *ó* producción (f) de corriente

---

5 Stromerzeugungsstelle (f)
place of current generation
endroit (m) de la production du courant

генераторная станцiя (f)
sito (m) di produzione della corrente
lugar (m) de producción de la corriente

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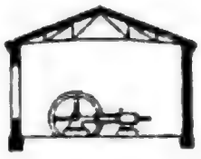
6 Maschinenraum (m)
engine-room
salle (f) des machines



машинное отдѣленіе (n) *или* помѣщеніе (n); машинный залъ (m)
locale (m) delle macchine, sala (f) [delle] macchine
sala (f) de máquinas

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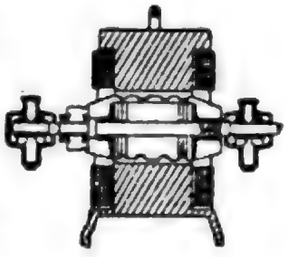
7 Gleichstromdynamo (f), Gleichstromgenerator (m)
continuous *or* direct current generator, continuous current dynamo
génératrice (f) à courant continu, dynamo (f) à courant continu



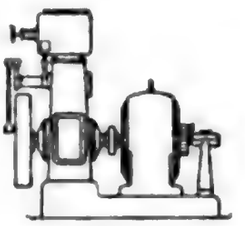
динамомашина (f) *или* генераторъ (m) постояннаго тока
dinamo (f) a corrente continua
dinamo (f) *ó* generador (m) *ó* generatriz (f) de corriente continua

Bahnstromerzeuger (m), Bahndynamo (f), Bahngenerator (m)
traction dynamo, railway generator (A)
génératrice (f) pour traction électrique

динамо (f) для тяги; [желѣзнодорожный генераторъ (m); желѣзнодорожная динамомашина (f)]
dinamo (f) per trazione
dinamo (f) ó generador (m) para ferrocarril ó tranvía

1

Dampfdynamo (f)
steam dynamo, marine set (A)
groupe (m) électrogène à vapeur, machine (f) à vapeur et dynamo accouplés, groupe (f) à vapeur



пародинамо (f)
dinamo (m) a vapore
dinamo (f) de vapor, grupo (m) electrógeno de vapor

2

Gasdynamo (f)
gas dynamo *or* generator
groupe (f) électrogène à gaz

газодинамо (f)
dinamo (f) a gas
dinamo (f) de gas, grupo (m) electrógeno de gas

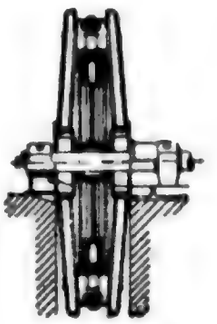
3

Wasserturbodynamo (f)
water *or* hydraulic turbo-generator
groupe (m) électrogène à moteur hydraulique

водяная турбодинамо (f)
dinamo (f) a turbina idraulica
grupo (m) electrógeno ó turbodinamo (f) ó turbogenerador (m) con motor hidráulico

4

Schwungraddynamo (f)
flywheel dynamo *or* generator
dynamo-volant (f)



динамо (f) маховичнаго типа; маховая динамо
dinamo-volano (f)
dinamo (f) volante

5

Turbodynamo (f), Turbogeneratoreinheit (f)
turbo-generator set *or* unit
groupe (m) turbogénérateur *ou* turbodynamo (f)

турбодинамо (f); турбогенераторная единица (f)
gruppo (m) turbogeneratore
grupo (m) turbodinamo ó turbogenerador

6

Gleichstromerregung (f)
continuous-current excitation
excitation (f) par courant continu

возбужденіе (n) постояннымъ токомъ
eccitazione (f) a corrente continua
excitación (f) por corriente continua

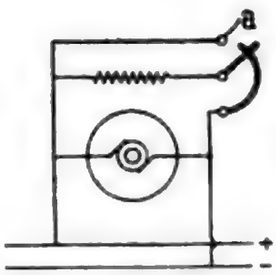
7

Nebenschlußregler (m)
shunt regulator
régulateur (m) en dérivation *ou* de l'excitation en dérivation

шунтовый регуляторъ (m) *или* реостатъ (m)
regolatore (m) in derivazione
regulador (m) en derivación ó del campo magnético

8

1 Kurzschlußkontakt (m)
short-circuit contact
contact (m) de court-circuit



a

контактъ (m) для короткаго замыканія
contatto (m) di corto-circuito
contacto (m) de circuito corto

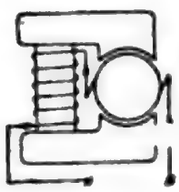
---

2 Hauptstromregler (m)
series regulator
rhéostat [-régulateur] (m) en série, rhéostat [-régulateur] (m) intercalé dans le circuit principal

послѣдовательный регуляторъ (m); реостатъ (m) для главной цѣпи
reostato (m) in serie
regulador (m) en serie ó de la corriente principal

---

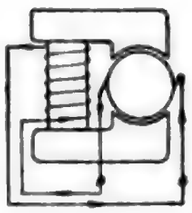
3 Hauptschlußdynamo (f)
series dynamo *or* generator
machine (f) [en] série *ou* excitée en série



машина (f) съ послѣдовательнымъ возбужденіемъ; послѣдовательная динамо (f)
macchina (f) in serie
dinamo (f) excitada en serie

---

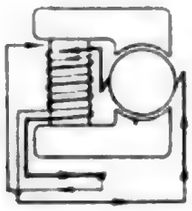
4 Nebenschlußdynamo (f)
shunt dynamo *or* generator
machine (f) en dérivation *ou* excitée en dérivation



шунтовая динамо-машина; динамо (f) съ параллельнымъ возбужденіемъ
macchina (f) in derivazione
dinamo (f) excitada en derivación

---

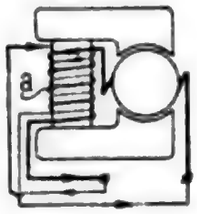
5 Verbunddynamo (f), Compounddynamo (f)
compound wound dynamo *or* generator
génératrice (f) *ou* dynamo (f) compound



динамомашина (f) со смѣшаннымъ возбужденіемъ; динамо (f) компаундъ
dinamo (f) compound
dinamo (f) [de excitación] compound

---

6 Verbundwicklung (f), Compoundwicklung (f)
compound winding
enroulement (m) compound, bobinage (m) compound



a

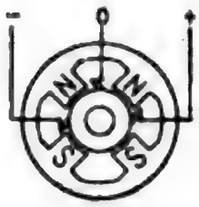
смѣшанная обмотка (f); обмотка компаундъ
avvolgimento (m) compound
arrollamiento (m) compound ó doble

---

7 abschaltbare Verbundwicklung (f)
compound winding which can be disconnected
enroulement (m) compound de l'inducteur avec disjoncteur *ou* interrupteur

отключаемая обмотка (f) компаундъ
avvolgimento (m) compound interrompibile
arrollamiento (m) compound desconectable

Dreileiterdynamo (f)
three-wire dynamo *or* generator
génératrice (f) *ou* dynamo (f) à trois conducteurs *ou* génératrice (f) auto-compensatrice



трёхпроводная динамомашина (f)
generatrice (f) per distribuzione a tre fili
dinamo (m) trifilar ó de tres conductores

1

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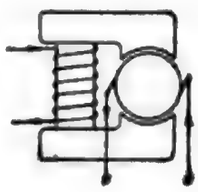
fremderregte Dynamo (f)
separately excited dynamo *or* generator
dynamo (f) à excitation indépendante *ou* séparée



динамомашина (f) съ независимымъ возбужденіемъ
dinamo (f) ad eccitazione separata
dinamo (f) con excitación independiente

2

Regulierwiderstand (m)
regulating resistance, rheostat, regulator
rhéostat (m), regulateur (m), résistance (f) réglable

регулировочное сопротивленіе (n); реостатъ (m); регуляторъ (m)
reostato (m), regolatore (m)
reostato (m), resistencia (f) reguladora, regulador (m)

3

---

motorischer Gruppenantrieb (m)
group drive
commande (f) par moteur *ou* groupe électrogène

групповый приводъ (m) двигателемъ
comando (m) a motore per gruppi
impulsión (f) común por motor

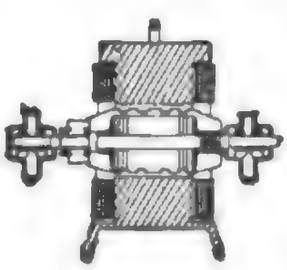
4

Fernregelung (f)
distant control
réglage (m) *ou* régulation (f) à distance

регулированіе (n) на разстояніи
regolazione (f) a distanza
teleregulación (f), regulación (f) á distancia

5

Gleichstrom[elektro-] motor (m)
continuous current motor
moteur (m) [électrique] à courant continu



[электро]двигатель (m) постояннаго тока
motore (m) [elettrico] a corrente continua
motor (m) [eléctrico] de corriente continua

6

Hauptschlußmotor (m), Reihenschlußmotor (m)
series motor
moteur (m) [excité en] série

двигатель (m) съ послѣдовательнымъ возбужденіемъ; серіесный моторъ (m); послѣдовательный двигатель
motore (m) [con eccitazione] in serie
motor (m) [con excitación] en serie

7

Nebenschlußmotor (m)
shunt motor
moteur (m) excité en dérivation, moteur (m) shunt

шунтовой двигатель (m); двигатель съ параллельнымъ возбужденіемъ
motore (m) [con eccitazione] in derivazione
motor (m) excitado en derivación, electromotor (m) shunt

8

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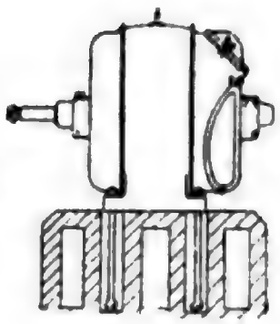
1	Verbundmotor (m), Compoundmotor (m) compound-wound motor moteur (m) compound *ou* à excitation mixte	двигатель (m) со смѣшанной обмоткой возбужденія; двигатель со смѣшаннымъ возбужденіемъ; электродвигатель (m) компаундъ motore (m) con eccitazione compound motor (m) compound
2	Motor (m) mit Wendepolen motor with commutating poles moteur (m) avec pôles de commutation	двигатель (m) съ добавочными полюсами motore (m) con poli di commutazione motor (m) con polos de conmutación
3	Einphasenkollektormotor (m) single phase commutator motor moteur (m) monophasi à collecteur	однофазный двигатель (m) съ коллекторомъ; коллекторный двигатель однофазнаго тока motore (m) monofase di collegamento motor (m) monofásico con conmutador
4	Serienmotor (m) mit Kompensation series motor with compensation moteur-série (m) compensé	компенсированный серіесный моторъ (m); компенсированный двигатель съ послѣдовательнымъ возбужденіемъ motore (m) a serie di compensazione motor (m) en serie compensado
5	Repulsionsmotor (m) repulsion motor moteur (m) à répulsion	репульсіонный двигатель (m) *или* моторъ (m) motore (m) a repulsione motor (m) de repulsión
6	offener Motor (m) open type motor moteur (m) non cuirassé	открытый двигатель (m) motore (m) aperto motor (m) abierto
7	geschlossener Motor (m) enclosed type motor moteur (m) cuirassé	закрытый двигатель (m) motore (m) chiuso motor (m) cerrado

gekapselter Motor (m)
enclosed motor
moteur (m) blindé *ou* étanche



закрытый *или* капсельный двигатель (m)
motore (m) blindato *o* chiuso
motor (m) protegido *ó* acorazado 1

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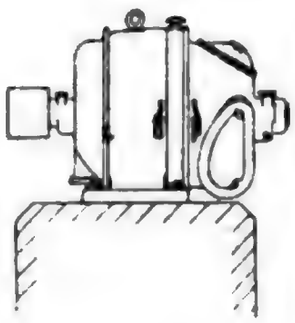
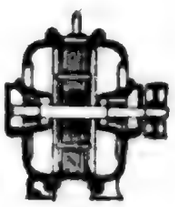
ventiliert gekapselter Motor (m)
enclosed ventilated motor
moteur (m) blindé et ventilé



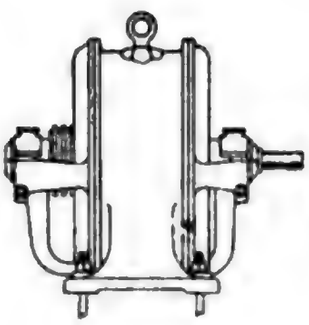
закрытый *или* капсельный двигатель (m) съ вентиляціей
motore (m) blindato *o* chiuso e ventilato
motor (m) acorazado y ventilado 2

Wechselstrommotor (m)
alternating current motor
alternomoteur (m), moteur (m) à courant alternatif



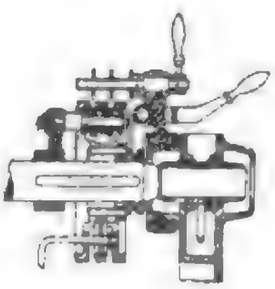
двигатель (m) перемѣннаго тока
motore (m) a corrente alternata
motor (m) de corriente alterna 3

Drehstrommotor (m)
three phase motor
moteur (m) triphasé



двигатель (m) трёхфазнаго тока
motore (m) trifase
motor (m) trifásico 4

Bürstenabhebevorrichtung (f)
brush-lifting device
dispositif (m) pour le relèvement des balais, porte-balais (m) mobile



приспособленіе (n) для подниманія щётокъ
dispositivo (m) per sollevare le spazzole
disposición (f) para levantar las escobillas, levanta-escobillas (m) 5

Drehstrommotor (m) mit Gegenschaltung
three-phase motor with back connection (for starting)
moteur (m) triphasé avec couplage en opposition

двигатель (m) трёхфазнаго тока съ противосоединеніемъ
motore (m) trifase a contraccopiamento ad avvolgimento antagonista
motor (m) trifásico con acoplamiento en oposición 6

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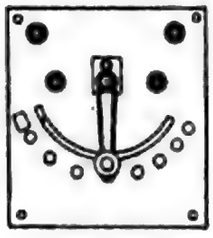
1 Anlasser (m)
starter, starting switch
démarreur (m), rhéostat (m) *ou* résistance (f) de démarrage



пусковой реостатъ (m); пускатель (m)
avviatore (m)
aparato (m) *ó* reostato (m) *ó* resistencia (f) de arranque, arrancador (m)

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2 Flüssigkeitsanlasser (m)
liquid starter
rhéostat (m) *ou* résistance (f) de démarrage à liquide

жидкій пусковой реостатъ (m)
avviatore (m) a liquido
reostato (m) de arranque liquido

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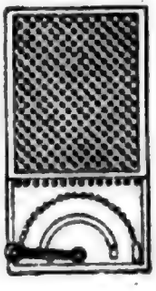
3 Flachrahmenanlasser (m)
frame-starter
rhéostat (m) *ou* résistance (f) de démarrage à cadre plat



пусковой реостатъ (m) на плоской рамѣ
avviatore (m) a telaio piatto
aparato (m) de arranque de bastidor plano

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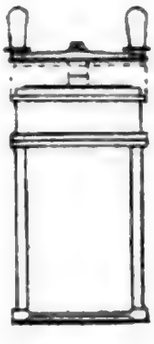
4 Anlaßwiderstand (m)
starting resistance
rhéostat (m) de démarrage *ou* de mise en marche, résistance (f) de démarrage, démarreur (m)

пусковой реостатъ (m)
resistenza (f) d'avviamento
reostato (m) *ó* resistencia (f) de arranque

---

5 Anlasser (m) mit Ölkühlung, Ölanlasser (m)
oil-cooled starter, starter with oil cooler
rhéostat (m) *ou* résistance (f) de démarrage à refroidissement par l'huile



пусковой масляный реостатъ (m); пусковой реостатъ съ маслянымъ охлажденіемъ
avviatore (m) con raffreddamento ad olio
aparato (m) de arranque refrigerado por aceite

---

6 Anlasser (m) mit Luftkühlung
air-cooled starter, starter with air cooler
rhéostat (m) *ou* résistance de démarrage à refroidissement d'air

пусковой реостатъ (m) съ воздушнымъ охлажденіемъ
avviatore (m) con raffreddamento d'aria
aparato (m) de arranque con enfriamiento de aire

---

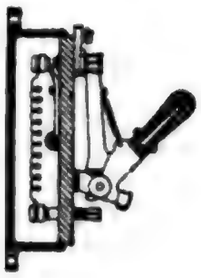
7 Anlasser (m) mit ruckweiser Einschaltung
starter with a number of steps
rhéostat (m) de démarrage à intercalation graduelle

пусковой реостатъ (m) съ включеніемъ скачками
avviatore (m) con inserimento a scatti
aparato (m) de arranque con inserción gradual

Regulieranlasser (m)
combined starter and regulator
rhéostat (m) de démarrage et de régulation

регулирующій пусковой реостатъ (m)
avviatore-regolatore (m) 1
aparato (m) de arranque y de regulación

Handmagnetausschalter (m)
hand field switch
interrupteur (m) *ou* disjoncteur (m) de champ magnétique avec levier



ручной магнитный выключатель (m)
interruttore (m) d'eccitazione a mano 2
interruptor (m) magnético de mano

Bahnschaltanlage (f)
railway switchgear
installation (f) des connexions *ou* tableau (m) de distribution dans une centrale de tramway

желѣзнодорожное распредѣлительное устройство (n); распредѣлительное устройство (n) для тяги
centrale (f) di distribuzione [di corrente] per ferrovie 3
instalación (f) de distribución para ferrocarril *ó* tranvía

Schaltraum (m)
switch-room
salle (f) [du tableau] de distribution *ou* des connexions

распредѣлительное *или* коммутаціонное помѣщеніе (n)
sala (f) di distribuzione 4
sala (f) de distribución

Schaltbild (n), Stromlaufschema (n)
diagram of connections, wiring diagram
schéma (m) de couplage *ou* des connexions *ou* de distribution

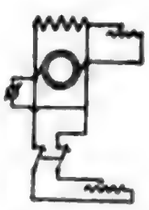
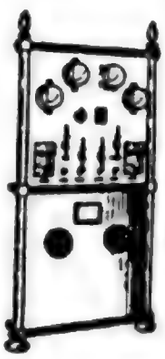


схема (f) соединеній
schema (m) delle connessioni
esquema (m) de acoplamiento *ó* de las conexiones 5

Schaltwand (f), Schaltbrett (n), Schalttafel (f)
switchboard
tableau (m) de distribution



распредѣлительная *или* коммутаціонная доска (f)
quadro (m) di distribuzione 6
cuadro (m) de distribución

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freistehende Schalttafel (f)
detached switch-board
tableau (m) de distribution non adossé [au mur]

свободно установленная распредѣлительная *или* коммутаціонная доска (f)
quadro (m) di distribuzione isolato 7
cuadro (m) de distribución independiente

Wandschalttafel (f)
wall switch-board
tableau (m) de distribution mural *ou* contre le mur

стѣнная распредѣлительная *или* коммутаціонная доска (f)
tavola (f) murale di distribuzione 8
cuadro (m) de distribución mural

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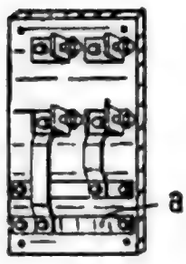
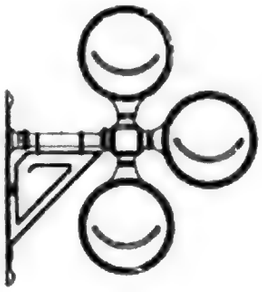
1	Sammelschiene (f) bus'-bar, bus' barre (f) de distribution, barre (f) collectrice, barre (f) omnibus	собирательная шина (f) sbarra (f) collettrice *o* omnibus barra (f) colectora; barra (f) ómnibus
2	Erdschiene (f) earth bar barre (f) de mise à la terre	земляная шина (f) sbarra (f) a terra barra (f) de tierra
3	Schaltsäule (f) switch-column colonne (f) à appareils de réglage	распредѣлительная *или* коммутаціонная колонка (f) colonna (f) con apparecchi di misura columna (f) de distribución
4	Instrumentensäule (f) instrument column colonne (f) à instruments de mesure	колонка (f) съ приборами; распредѣлительная колонка colonna (f) porta instrumenti columna (f) de instrumentos
5	Instrumentenwandarm (m) instrument wall-bracket console (f) à instruments de mesure	кронштейнъ (m) для измѣрительныхъ приборовъ braccio (m) porta istrumenti brazo (m) mural *ó* de pared para instrumentos
6	Schmelzsicherung (f) fuse *or* fusible cut-out coupe-circuit (m) avec fusible	плавкій предохранитель (m) valvola (f) fusibile *o* di sicurezza corta-circuito (m) de fusible
7	Schmelzeinsatz (m) fuse fusible (m)	[легко]плавкая вставка (f) filo (m) fusibile fusible (m)
8	Schmelzstreifen (m) fuse strip lame (f) fusible	плавкая пластина (f) *или* полоска (f) lamella (f) fusibile tira (f) fusible
9	sichern (v) to protect protéger (v)	предохран-ить (-ять) proteggere (v) proteger (v)



a



Ausschalter (m)
switch
interrupteur (m)

выключатель (m)
interruttore (m) *1*
interruptor (m)

Handausschalter (m)
lever switch
interrupteur (m) à main

ручной выключатель (m)
interruttore (m) a mano *2*
interruptor (m) de mano

Umschalter (m)
throw-over *or* double-throw switch
commutateur (m), permutateur (m)

переключатель (m)
commutatore (m) *3*
conmutador (m)

---

ausschalten (v)
to disconnect, to cut-out
mettre (v) hors circuit

выключ-ить (-ать)
disinserire (v), mettere (v) fuori di circuito
poner (v) fuera de circuito, interrumpir (v), desconectar (v) *4*

---

einschalten (v)
to put *or* throw into circuit, to switch on, to connect
mettre (v) dans le *ou* en circuit, intercaler (v) dans le circuit, connecter (v)

включ-ить (-ать)
inserire (v)
conectar (v), intercalar (v) *ó* poner (v) en el circuito *5*

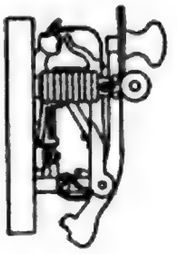
---

umschalten (v)
to throw over
permuter (v), commuter (v)

переключ-ить (-ать)
commutare (v) *6*
conmutar (v)

---

selbsttätiger Ausschalter (m)
automatic circuit-breaker
interrupteur (m) automatique *ou* disjoncteur (m)



автоматическій *или* самодѣйствующій выключатель (m)
interruttore (m) automatico *7*
interruptor (m) automático

---

für *oder* auf eine bestimmte Stromstärke einstellen (v)
to adjust for a certain current
régler (v) pour un certain ampérage *ou* débit

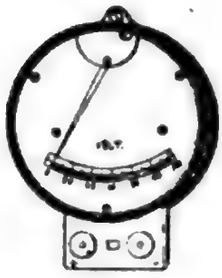
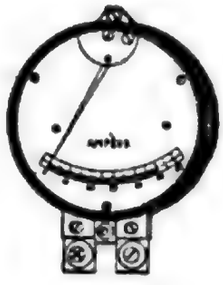
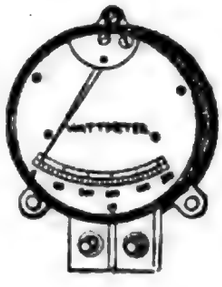
установить на опредѣлённую силу тока
regolare (v) per una determinata intensità di corrente *8*
ajustar (v) *ó* regular (v) á un amperaje determinado

Hilfskontakt (m)
auxiliary contact
contact (m) auxiliaire

вспомогательный контактъ (m); дополнительный контактъ *9*
contatto (m) ausiliare
contacto (m) auxiliar

Meßinstrument (n)
measuring instrument
instrument (m) de mesure

измѣрительный приборъ (m)
[i]strumento (m) *o* apparecchio (m) di misura *10*
instrumento (m) de medida

1	Spannungszeiger (m), Voltmeter (n) voltmeter voltmètre (m), indicateur (m) de tension *ou* de voltage		вольтметръ (m) indicatore (m) di tensione, volt[o]metro (m) voltimetro (m)
2	Stromzeiger (m), Amperemeter (n) ammeter ampèremètre (m), indicateur (m) de courant		амперметръ (m) amper[o]metro (m) amperimetro (m)
3	Leistungszeiger (m), Wattmeter (n) wattmeter wattmètre (m), indicateur (m) de puissance		ваттметръ (m) wattometro (m) vatimetro (m)
4	Meßtransformator (m) measuring transformer transformateur (m) d'appareils de mesure, réducteur (m) de courant *ou* de tension		измѣрительный трансформаторъ (m) trasformatore (m) riduttore transformador (m) de medida
5	Periodenanzeiger (m), Frequenzmesser (m) frequency indicator *or* meter indicateur (m) de fréquence		частотомѣръ (m); указатель (m) числа періодовъ; указатель частоты indicatore (m) di frequenza indicador (m) de periodos, frecuencimetro (m)
6	Synchronisiervorrichtung (f) synchronizer synchroniseur (m)		синхронизаторъ (m); приспособленіе (n) для синхронизированія sincronizzatore (m) sincronizador (m)
7	Phasenvergleicher (m) phase difference indicator comparateur (m) de phases		указатель (m) разности фазъ; приборъ (m) для сравненія фазъ comparatore (m) di fasi comparador (m) de fases
8	Phasenmesser (m), Phasometer (n) phase-meter phasomètre (m)		фазометръ (m) fasometro (m) *o* indicatore (m) di fase fasimetro (m)
9	Phasenzeiger (m) phase indicator indicateur (m) de phases		указатель (m) фазъ indicatore (m) di spostamento (m) di fase indicador (m) de fases

Phasenlampe (f)
phase lamp
lampe (f) d'indicateur de phase

фазная *или* фазовая лампочка (f)
lampadina (f) di fase
lámpara (f) de fase
1

Drehfeldrichtungszeiger (m)
indicator for direction of a rotating field
indicateur (m) de sens du champ tournant

указатель (m) направленія вращающагося поля
indicatore (m) di direzione del campo rotante
indicador (m) de dirección del campo rotatorio
2

Drehumschalter (m)
rotating switch
commutateur (m) [à contact] tournant

поворотный переключатель (m)
commutatore (m) rotazione
conmutador (m) giratorio
3

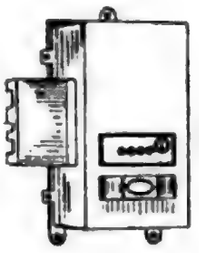
Stöpselumschalter (m)
plug commutator
commutateur (m) à fiche[s] *ou* à cheville[s]

штепсельный переключатель (m)
commutatore(m) a spina
conmutador (m) de clavija
4

Überlastungsschalter (m)
circuit breaker, overload cut-out
disjoncteur (m) *ou* interrupteur (m) de surcharge *ou* à maxima

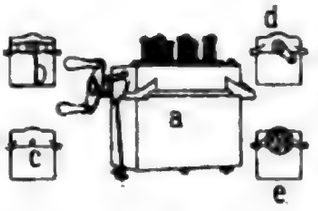
выключатель (m) перегрузки
interrutore (m) di sopraccarico
limitador (m) de corriente
5

Zähler (m)
meter
compteur (m)



счётчикъ (m)
contatore (m)
contador (m)
6

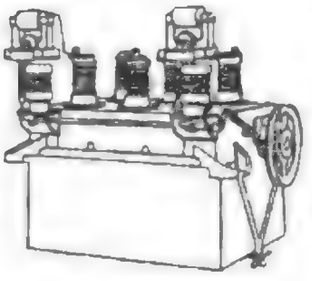
Ölschalter (m)
oil switch
interrupteur (m) à [bain d'] huile



a

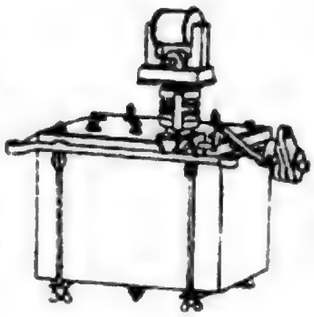
масляный выключатель (m)
interruttore (m) ad (sotto) olio
interruptor (m) de aceite ó en aceite
7

Maximalausschalter (m) mit angebautem Hauptstromauslöser
maximum cut-out with series release
disjoncteur (m) à maxima avec relais en série (commandant le déclenchement)



максимальный выключатель (m) съ пристроеннымъ прерывателемъ главнаго тока
interruttore (m) a massimo con disgiuntore in serie
interruptor (m) de máxima con desenganche [automático] en serie ó con corta-circuito en serie
8

1 Ausschalter (m) mit angebautem Spannungsauslöser
switch with no-voltage cut-out
disjoncteur (m) de ligne en court-circuit *ou* pour tension nulle



выключатель (m) съ пристроеннымъ прерывателемъ напряженія
interruttore (m) con disgiuntore in derivazione
interruptor (m) con desenganche *ó* para tensión nula

---

2 Minimalausschalter (m)
minimum cut-out
disjoncteur (m) à minima

минимальный выключатель (m)
interruttore (m) a minimo
interruptor (m) de mínima

---

3 Auslösung (f)
release
déclanchement (m), déclenchement (m)

разобщеніе (n); расцѣпленіе (n); разъединеніе (n)
scatto (m), disimpegno (m)
desenganche (m), disparo (m)

---

4 Auslösemagnet (m), Trennmagnet (m)
releasing magnet
électro[aimant] (m) de déclanchement

размыкающій *или* разобщающій магнитъ (m)
magnete (m) di scatto
[electro-]imán (m) de desenganche

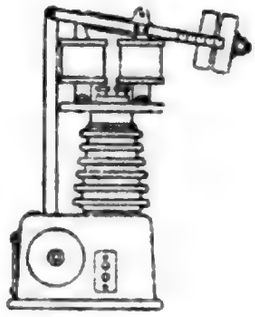
---

5 Auslösestromstärke (f)
releasing current
ampérage (m) de déclanchement

сила (f) тока, при которой дѣйствуетъ стопорный механизмъ
corrente (m) di scatto
amperaje (m) *ó* intensidad (f) de desenganche

---

6 Hochspannungsmaximalrelais (n) mit Zeiteinstellung
high-tension maximum relay with time adjustment
relais (m) à maxima à haute tension avec réglage de durée *ou* à déclanchement différé réglable



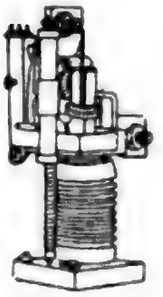
максимальное реле (n) высокаго напряженія съ выдержкой по времени
relais (m) di massima a tempo per alta tensione a tempo
relais (m) *ó* relé (m) *ó* relevador (m) de máxima para alta tensión con regulación de tiempo

---

7 Maximalrelais (n) für Schnellauslösung
maximum relay for quick release
relais (m) à maxima pour déclanchement rapide

максимальное реле (n) для быстраго размыканія
relais (m) a massima per interruzione istantanea
relais (m) de máxima para desenganche rápido

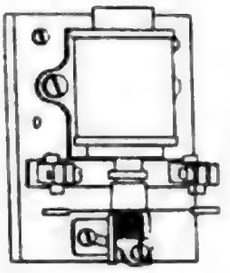
Maximalrelais (n) für träge Auslösung
maximum relay for slow release
relais (m) à maxima pour déclanchement lent



максимальное релэ (n) для медленнаго размыканія
relais (m) a massimo per interruzione lenta
relais (m) de máxima para desenganche lento

1

Zwischenrelais (n)
intermediate relay
relais (m) intermédiaire



промежуточное релэ(n)
relais (m) intermedio
relais (m) intermedio

2

Zeitrelais (n)
time relay
relais (m) à action différée *ou* retardée, relais (m) à temps

замедляющее релэ (n); релэ медленнаго дѣйствія
rilevatore (m) a tempo
relevador (m) de tiempo

3

Drahtbruchrelais (n)
wire break relay
relais (m) (agissant en cas) de rupture de fil

релэ (n) для выключенія при обрывѣ провода
relais (m) per rottura di filo
relais (m) de rotura de alambre

4

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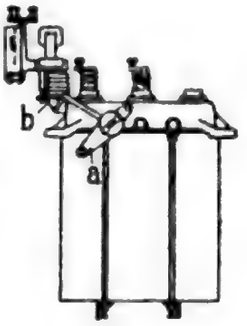
automatischer Schutzschalter (m)
automatic safety switch
interrupteur (m) automatique de protection



автоматическій *или* самодѣйствующій предохранительный выключатель (m)
interruttore (m) automatico di protezione
interruptor (m) automático de protección

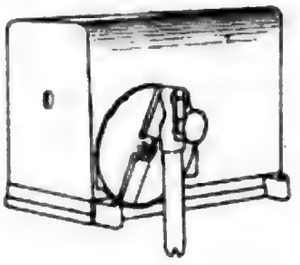
5

Steuerschalter (m)
control switch
interrupteur - inverseur (m), appareil (m) de changement de marche

выключатель (m) *или* переключатель (m) для управленія
interruttore (m) pel motore di comando
interruptor (m) de inversión ó de maniobra

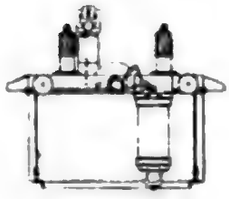
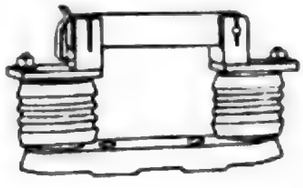
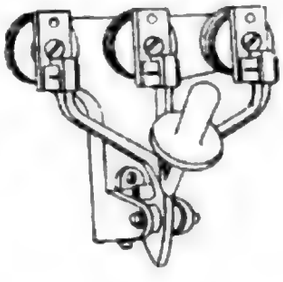
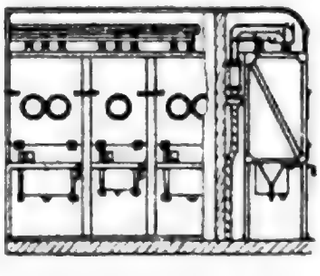
6

Schaltmotor (m)
switch[ing] motor
moteur (m) de commande de l'interrupteur



двигатель (m), служащій для включенія
motore (m) di comando dell' interruttore
motor (m) de accionamiento del interruptor

7

1	Ölausschalter (m) mit Solenoidantrieb oil switch operated by solenoid disjoncteur (m) à huile avec commande par solénoïde		масляный выключатель (m) съ электромагнитнымъ дѣйствіемъ interruttore (m) ad olio con comando a solenoide interruptor (m) de aceite con impulsión por solenoide
2	Trennschalter (m) separating switch interrupteur-séparateur (m), interrupteur (m) *ou* séparateur (m) de sections		раздѣлительный выключатель (m) interruttore-separatore (m) desconectador (m), interruptor (m) separador
3	stromlos öffnen (v) opening on broken *or* dead circuit, no-current breaking ouvrir (v) un circuit sans courant		открыть *или* выключить безъ тока aprire (v) senza corrente abrir (v) sin corriente
4	Erdungsschalter (m) earthing switch interrupteur (m) relié *ou* de mise à la terre		выключатель (m) для соединенія съ землёй interruttore (m) a terra interruptor (m) de [puesta á] tierra
5	Mastausschalter (m) mast switch interrupteur (m) pour poteaux		выключатель (m) на столбѣ interruttore (m) per palo interruptor (m) de poste
6	Schaltanlage (f) nach dem Zellensystem cellular type switchgear tableau (m) de distribution disposé en cellules *ou* panneaux		распредѣлительное устройство (n), составленное изъ отдѣльныхъ независимыхъ частей quadro (m) di distribuzione sistema a celle instalación (f) de distribución compuesta de varias celdas *ó* de sistema celular
7	Blitz- und Überspannungsschutz (m) lightning and excess-voltage protection protection (f) contre la foudre et la surtension		разрядникъ (m); приспособленіе (n) для защиты отъ молніи и перенапряженія; приспособленіе противъ грозовыхъ ударовъ и перенапряженія protezione (f) contro fulmini e sovratensioni protección (f) contra rayos y sobretensiones

Überspannungssicherung (f)
excess voltage fuse
coupe-circuit (m) de surtension *ou* tension excessive

предохранитель (m) [для] токовъ высокаго напряженія
taglia (f) circuito di soprotensione
corta circuito (m) para tensión excesiva

Blitzschlag (m), Gewitterschlag (m)
lightning stroke
coup (m) de foudre

ударъ (m) молніи; грозовой ударъ
fulminazione (f)
rayo (m)

---

atmosphärische Entladung (f)
atmospheric discharge
décharge (f) atmosphérique

атмосферный разрядъ (m)
scarica (f) atmosferica
descarga (f) atmosférica

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oszillatorische Entladung (f)
oscillatory discharge
décharge (f) oscillante

колебательный разрядъ (m)
scarica (f) oscillatoria
descarga (f) oscilatoria

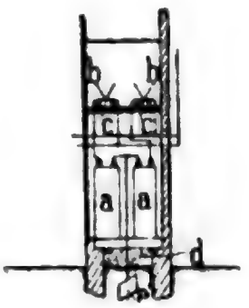
Entladungstrom (m)
discharge current
courant (m) de décharge

разрядный токъ (m)
corrente (f) di scarica
corriente (f) de descarga

Blitzschutzvorrichtung (f)
lightning arrester
parafoudre (m)

громоотводъ (m); громоотводное приспособленіе (n)
parafulmine (m), scaricatore (m) del fulmine
pararrayos (m)

Blitzschutzzelle (f)
lightning arrester cell
élément (m) de parafoudre



громоотводный элементъ (m)
cella (f) del parafulmine
elemento (m) protector contra el rayo, celda (f) para los pararrayos

---

die Leitung erden (v) *oder* an Erde legen (v)
to earth the line
mettre (v) le conducteur à la terre

заземлить проводъ; соединить проводъ съ землёй
mettere (v) la condut-tura a terra
poner (v) ó conector (v) á tierra el conductor

---

geerdete Schutzhülle (f)
earthed protecting cover
enveloppe (f) protectrice mise à la terre

заземлённая предохранительная оболочка (f)
involucro (m) di protezione messo a terra
revestimiento (m) protector puesto á tierra

Blitzableiter (m) mit selbsttätiger Funkenlöschung
lightning arrester with automatic spark extinguisher *or* blow-out
parafoudre (m) à extinction automatique des étincelles

громоотводъ (m) съ автоматическимъ тушеніемъ искръ
parafulmine (m) con estinzione automatica delle scintille
pararrayos (m) con extinción automática de las chispas

1 Lichtbogen (m), Flammbogen (m)
arc, electric arc
arc (m) électrique *ou* voltaïque

вольтова дуга; свѣтовая дуга (f)
arco (m) voltaico
arco (m) eléctrico *ó* voltaico

2 der Lichtbogen reißt ab
the arc is torn *or* ruptures
l'arc électrique se rompt

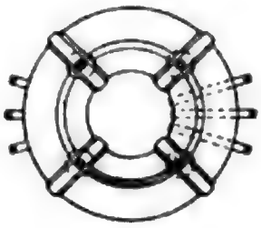
вольтова *или* свѣтовая дуга (f) прерывается
l'arco voltaico si spezza
el arco eléctrico se rompe

3 elektrodynamische Wirkung (f)
electrodynamic action
action (f) électrodynamique

электродинамическое дѣйствіе (n)
azione (f) elettrodinamica
acción (f) electrodinámica

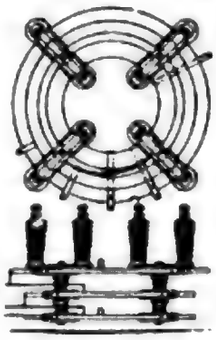
4 Blitzableiterrelais (n)
lightning-arrester relay
relais (m) de parafoudre

громоотводное релэ (n)
soccorritore (m) di parafulmine
relais (m) de pararrayos



5 Generatordrosselspule (f)
generator choking coil
bobine (f) de réactance *ou* de self induction [pour la protection] de la génératrice

реакціонная *или* дроссельная катушка (f) генератора
bobina (f) d'autoinduzione del generatore
carrete (m) *ó* bobina (f) de reactancia *ó* de inducción de generador



6 Stufendrosselspule (f)
graduated choking coil
bobine (f) de réactance *ou* de self-induction sectionnée *ou* à fractionnement

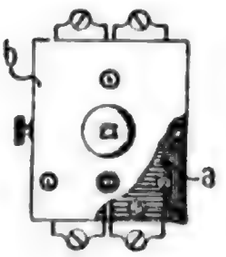
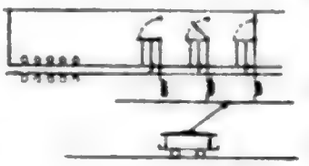
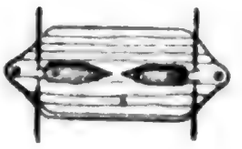
секціонированная реакціонная *или* дроссельная катушка (f)
bobina (f) d'autoinduzione a gradini
carrete (m) *ó* bobina (f) de inducción *ó* de reactancia escalonado (a)

7 Wasserstrahlerder (m)
water-jet earthing device
déchargeur (m) *ou* appareil (m) de mise à la terre à jet d'eau

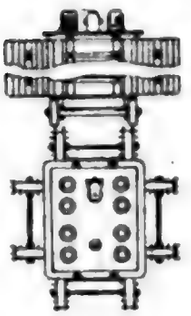
водяной заземлитель (m)
scaricatore (m) a getto d'acqua
aparato (m) de puesta á tierra *ó* descargador (m) con chorro de agua

8 Stangenblitzableiter(m), stangenförmiger Blitzableiter (m)
rod lightning conductor
parafoudre (m) à tige

мачтовый линейный громоотводъ (m)
parafulmine (m) ad asta
pararrayos (m) de barra

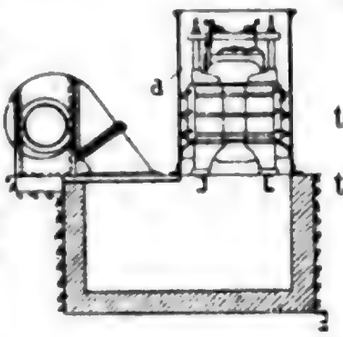
Hörnerblitzableiter (m) horn type lightning arrester parafoudre (m) à cornes *ou* à antennes		роговидный *или* рогообразный громоотводъ (m) parafulmine (m) a corni pararrayos (m) de antenas *ó* de cuernos	1
Traverse (f) insulator support traverse (f)	a	траверсъ (m) traversa (f) traviesa (f), travesaño (m)	2
Walzenblitzableiter (m) roller lightning arrester parafoudre (m) à cylindres		громоотводъ (m) съ цилиндриками parafulmine (m) cilindrico pararrayos (m) de cilindros	3
Plattenblitzableiter (m) plate lightning arrester parafoudre (m) à plaques		пластинчатый громоотводъ (m) scaricafulmine (m) a dischi pararrayos (m) de placas	4
Spulenblitzableiter (m) coil lightning arrester parafoudre (m) à bobine		катушечный громоотводъ (m); громоотводъ съ проволочной спиралью *или* катушкой parafulmine (m) a bobine pararrayos (m) de carrete	5
Stacheldraht (m) barbed wire fil (m) barbelé *ou* garni de pointes		колючая проволока (f) filo (m) di ferro aculeato espino (m) artificial	6
optischer Kurzschlußprüfer (m) optical short-circuit tester indicateur (m) optique de court circuit		оптическій указатель (m) короткаго замыканія indicatore (m) ottico di cortocircuito indicador (m) óptico de circuito corto	7
Spitzenblitzschutzvorrichtung (f) point lightning arrester parafoudre (m) à pointes		громоотводъ (m) съ остріями parafulmine (m) a punte pararrayos (m) de puntas	8
Stromumformung (f), Transformierung (f) transforming *or* transformation of current transformation (f) du courant		преобразованіе (n) *или* трансформированіе (n) тока trasformazione (f) della corrente transformación (f) de la corriente	9

Öltransformator (m) mit Kühlrippen
oil transformer with cooling-ribs
transformateur (m) à huile avec ailettes de refroidissement



масляный трансформаторъ (m) съ охлаждающими рёбрами
trasformatore (m) ad olio con alette di raffreddamento *1*
transformador (m) de aceite con aletas de refrigeración

Transformator (m) mit künstlicher Luftkühlung
transformer with artificial air-cooling
transformateur (m) à ventilation forcée *ou* à refroidissement artificiel par l'air



трансформаторъ (m) съ искусственнымъ воздушнымъ охлажденіемъ
trasformatore (m) a ventilazione artificiale *2*
transformador (m) con refrigeración por aire; transformador (m) de circulación artificial de aire

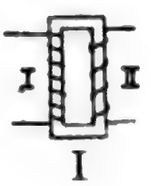
---

Öltransformator (m) mit Wasserkühlung
oil transformer with water-cooling
transformateur (m) à huile avec refroidissement [artificiel] par l'eau

масляный трансформаторъ (m) съ водянымъ охлажденіемъ
trasformatore (m) ad olio con raffreddamento artificiale ad acqua *3*
transformador (m) de aceite con refrigeración por agua

---

primärer Stromkreis (m)
primary circuit
circuit (m) inducteur *ou* primaire



первичная цѣпь (f)
circuito (m) primario *4*
circuito (m) primario *ó* inductor

---

sekundärer Stromkreis (m)
secondary circuit
circuit (m) induit *ou* secondaire

II

вторичная цѣпь (f)
circuito (m) secondario *5*
circuito (m) inducido *ó* secundario

---

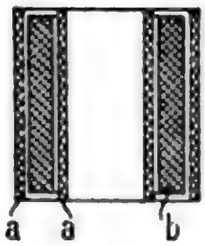
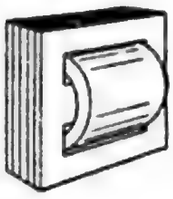
auf niedere Spannung transformieren (v)
to transform down, to step down (A)
transformer (v) en courant de basse tension

преобразовать *или* трансформировать на болѣе низкое напряженіе
trasformare (v) a bassa tensione *6*
transformar (v) á baja tensión, reducir (v) la tensión

---

auf höhere Spannung transformieren (v)
to transform up, to step up (A)
transformer (v) en courant de haute tension

трансформировать на болѣе высокое напряженіе
trasformare (v) ad una tensione piu alta *7*
transformar (v) la tensión elevandola; transformar (v) á mayor tensión

1	Hochspannungswicklung (f) high-tension winding enroulement (m) *ou* bobinage (m) à haute tension		обмотка (f) высокаго напряженія avvolgimento (m) ad alta tensione arrollamiento (m) *ó* devanado (m) de alta tensión
2	Niederspannungswicklung (f) low-tension winding enroulement (m) à basse tension	a b	обмотка (f) низкаго напряженія avvolgimento (m) a bassa tensione arrollamiento (m) de baja tensión
3	primäre Wicklung (f) primary winding enroulement (m) *ou* bobinage (m) primaire	b	первичная обмотка (f) avvolgimento (m) primario arrollamiento (m) primario
4	sekundäre Wicklung (f) secondary winding enroulement (m) *ou* bobinage (m) secondaire	a	вторичная обмотка (f) avvolgimento (m) secondario arrollamiento (m) secundario
5	Primärstrom (m) inducing current, primary current courant (m) inducteur, courant (m) primaire		первичный токъ (m) corrente (f) induttrice, corrente (f) primaria corriente (f) inductora *ó* primaria
6	Sekundärstrom (m) induced current, secondary current courant (m) induit, courant (m) secondaire		вторичный токъ (m) corrente (f) indotta, corrente (f) secondaria corriente (f) inducida *ó* secundaria
7	Manteltransformator (m), Schalentransformator (m) shell-type transformer transformateur (m) cuirassé		трансформаторъ (m) броневого типа; трансформаторъ съ оболочкой; трансформаторъ съ развѣтвлённой магнитной цѣпью trasformatore (m) a mantello transformador (m) acorazado
8	Kerntransformator (m) core-type transformer transformateur (m) à noyau		трансформаторъ (m) съ простой магнитной цѣпью *или* съ наружной обмоткой; трансформаторъ съ сердечникомъ trasformatore (m) a nucleo transformador (m) de núcleo

Einankerumformer (m), Drehumformer (m), rotierender Umformer (m) *oder* Umwandler
rotary converter (m)
transformateur (m) tournant *ou* commutatrice (f) *ou* transformatrice (f) *ou* convertisseur (m) rotatif

конвертеръ (m); вращающійся преобразователь (m) *или* умформеръ (m)
trasformatore (m) rotante
transformador (m) giratorio *ó* rotatorio, conmutatriz (f), convertidor (m) rotatorio

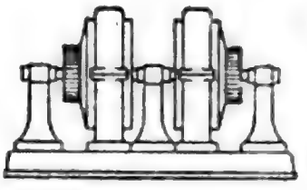
1

Umformergruppe (f), Motorgenerator (m)
motor-generator
groupe (m) transformateur *ou* moteur générateur (m)

моторъ-генераторъ (m)
gruppo (m) convertitore
grupo (m) transformador, grupo (m) motor-generador

2

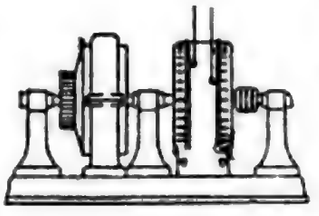
Gleichstrom - Gleichstromumformer (m)
continuous to continuous current motor-generator
groupe (m) transformateur (m) de courant continu en continu



моторъ-генераторъ (m) постояннаго тока
convertitore (m) di corrente continua in continua
transformador (m) de corriente continua en continua

3

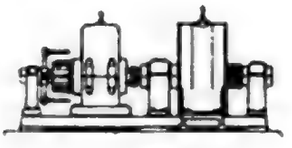
Gleichstrom-Wechselstromumformer (m)
continuous to alternating current motor-generator
groupe (m) transformateur de courant continu en alternatif *ou* d'alternatif en continu



моторъ-генераторъ (m) постоянно-перемѣннаго тока
convertitore (m) di corrente continua in alternata
transformador (m) de corriente continua en alterna

4

Drehstrom-Gleichstrom-Umformer (m)
three-phase to continuous current motor-generator
groupe (m) transformateur (m) de courant triphasé en continu *ou* de continu en triphasé



асинхронный моторъ-генераторъ (m) трёхфазно постояннаго тока
convertitore (m) trifase
transformador (m) de corriente trifásica en continua

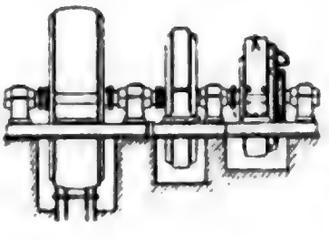
5

Wechselstrom in Gleichstrom umwandeln (v)
to transform alternating into continuous current
transformer (v) le courant alternatif en courant continu

преобразовать перемѣнный токъ (m) въ постоянный
transformare (v) la corrente alternata in corrente continua
transformar (v) la corriente alterna en continua

6

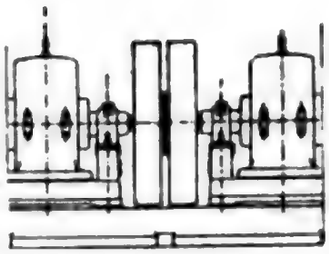
Drehstrom-Wechselstrom-Umformer (m)
three-phase to alternating current motor-generator
transformateur (m) triphasé-monophasé



моторъ-генераторъ (m) трёхфазно-перемѣннаго тока
convertitore (m) di corrente trifase in corrente alternata
transformador (m) de corriente trifásica en alterna

7

1 Schwungrad-Umformer (m)
flywheel motor-generator
groupe (m) transformateur avec accouplement à volant

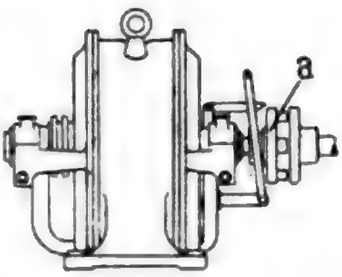


преобразователь (m) съ маховикомъ
convertitore (m) a volano
transformador (m) volante

2 Anlaßdynamo (f)
starting dynamo
électro-moteur (m) *ou* dynamo (f) de démarrage

пусковая динамомашина (f)
dinamo (m) d'avviamento
dinamo (m) de arranque

3 Anlaßmotor (m), Anwurfmotor (m)
starting motor
moteur (m) de démarrage



пусковой двигатель (m)
motore (m) d'avviamento
motor (m) de arranque *ó* de puesta en marcha

4 Anlaßumformer (m)
starting converter
convertisseur (m) pour le démarrage

a

пусковой преобразователь (m)
convertitore (m) d'avviamento
transformador (m) de arranque

5 fahrbare *oder* transportable Umformeranlage (f)
portable converter plant
installation (f) de transformation transportable

переносная *или* портативная установка (f) преобразователей
stazione (f) di trasformazione trasportabile
instalación (f) de transformación transportable *ó* montada sobre ruedas

6 Akkumulatorenraum (m)
storage battery *or* accumulator room
salle (f) des accumulateurs

помѣщеніе (n) для аккумуляторовъ; аккумуляторное помѣщеніе
sala (f) degli accumulatori
sala (f) de los acumuladores

7 Streckenbatterie (f)
line battery
batterie (f) de ligne

линейная батарея (f)
batteria (f) di linea
batería (f) de línea

8 Pufferbatterie (f), Ausgleichbatterie (f)
buffer battery
batterie (f) tampon

буферная батарея (f); уравнительная батарея
batteria (f) tampone, batteria (f) a repulsione di compensazione
batería (f) tampón *ó* de compensación

Zellenschalter (m) cell-switch adjoncteur (m) d'éléments, réducteur-adjoncteur (m)	элементный коммутаторъ (m) inseritore (m) di elementi conyunctor (m) disyunctor	1
Pufferwirkung (f) buffer action action (f) compensatrice	буферное *или* уравнительное дѣйствіе (n) azione (f) compensatrice acción (f) compensadora	2
Augenblicksreserve (f), Momentreserve (f) momentary reserve réserve (f) d'énergie momentanée	мгновенный запасъ (m) riserva (f) momentanea reserva (f) momentánea *ó* instantánea	3
die Akkumulatoren übernehmen den ganzen Betrieb the accumulators take over the total supply les accumulateurs font seuls le service *ou* fournissent toute l'énergie	нагрузка (f) переводится на аккумуляторы gli accumulatori assorbono l'intero esercizio los acumuladores desempeñan solos el servicio *ó* suministran toda la energía	4
Linienstrom (m), Netzstrom (m) line current, network current courant (m) de ligne *ou* du réseau	линейный токъ (m); токъ въ цѣпи corrente (f) di linea corriente (f) de linea *ó* de red	5
Dauerbetrieb (m) continuous working service (m) continu	продолжительная работа (f) durata (f) dell'esercizio servicio (m) continuo *ó* permanente	6
Dauerleistung (f) continuous *or* permanent output puissance (f) constante	мощность (f) при продолжительной работѣ potenza (f) continua potencia (f) constante	7
Vollbelastung (f) full load pleine charge (f)	полная нагрузка (f) pieno carico (m) plena carga (f)	8
prozentuale Belastung (f) percentage load pour centage (m) de charge	процентная нагрузка (f); нагрузка въ процентахъ carico (m) percentuale carga (f) en tanto por ciento	9
zunehmende Belastung (f) increasing load charge (f) croissante	возрастающая нагрузка (f) carico (m) crescente carga (f) creciente	10
Augenblicksbelastung (f) momentary load charge (f) momentanée *ou* instantanée	мгновенная нагрузка (f) carico (m) momentaneo carga (f) momentánea *ó* instantánea	11

1	Belastungsausgleich (m) equalisation of load égalisation (f) de charge, compensation (f) de la différence de charge	выравниваніе (n) нагрузки compensazione (f) del carico compensación (f) de carga
2	Überlastung (f) overload surcharge (f)	перегрузка (f) sopraccarico (m) sobrecarga (f)
3	das Netz überlasten (v) to overload the line *or* network surcharger (v) le réseau	перегрузить сѣть sopraccaricare (v) la rete sobrecargar (v) la red
4	überlastungsfähig (adj) capable of being overloaded surchargeable (adj), pouvant supporter la surcharge	способный перегружаться; способный выдерживать перегрузку che può sopportare dei sopraccarichi *o* sopraccaricabile que se puede sobrecargar
5	Belastungsgrenze (f) limit of load limite (f) de charge	предѣлъ (m) нагрузки limite (m) di carico límite (m) de carga
6	Belastungschwankung (f) load variation *or* fluctuation fluctuation (f) de charge	колебаніе (n) нагрузки variazione (f) di carico fluctuación (f) ó variación (f) de carga
7	Stromstoß (m) current rush, rush of current accroissement (m) brusque *ou* soubresaut (m) de courant	толчокъ (m) *или* импульсъ (m) тока; быстрое повышеніе (n) тока aumento (m) brusco di corrente incremento (m) brusco ó golpe (m) de corriente
8	Stromabnahme (f) decrease of current diminution (f) [de l'intensité] du courant	уменьшеніе (n) *или* ослабѣваніе (n) силы тока diminuzione (f) di corrente disminución (f) [de la intensidad] de la corriente
9	Stromzunahme (f) increase of current augmentation (f) [de l'intensité] du courant	возрастаніе (n) *или* увеличеніе (n) силы тока aumento (m) di corrente aumento (m) [de la intensidad] de corriente
10	gleichmäßiger Strombedarf (m) uniform demand for current consommation (f) *ou* dépense (f) uniforme de courant	равномѣрный расходъ (m) *или* равномѣрное потребленіе (n) тока consumo (m) uniforme di corrente consumo (m) uniforme de corriente

durchschnittlicher Strombedarf (m)
average demand for current
consommation (f) moyenne de courant

среднее потребленіе (n) тока
consumo (m) medio di corrente
consumo (m) medio de corriente
1

Durchschnittbelastung (f)
average load
charge (f) moyenne

средняя нагрузка (f)
carico (m) medio
carga (f) media
2

Höchstspannung (f), Maximalspannung (f)
maximum voltage
tension (f) maximum

максимальное *или* наибольшее напряженіе (n)
tensione (f) massima
tensión (f) máxima
3

Stromschwankung (f)
fluctuation of current
fluctuation (f) de courant

колебаніе (n) силы тока
variazione (f) della corrente
variación (f) *ó* fluctuación (f) de corriente
4

Mittelwert (m) der Stromstärke
mean value of the current
valeur (f) moyenne de l'intensité du courant, ampérage (m) moyen

среднее значеніе (n) *или* средняя величина (f) силы тока; средняя сила (f) тока
valore (m) medio dell'intensità di corrente
valor (m) medio de la intensidad de corriente; amperaje (m) medio
5

---

quadratischer Mittelwert (m)
mean square-value
moyenne (f) des carrés

среднее квадратное значеніе (n)
valore (m) medio del quadrato
valor (m) medio de los cuadrados
6

Höchstbelastung (f), Maximalbelastung (f)
maximum load
charge (f) maximum

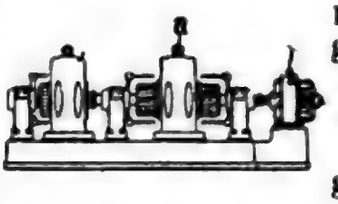
максимальная *или* наибольшая нагрузка (f)
carico (m) massimo
carga (f) máxima
7

Höchstleistung (f), Maximalleistung (f)
maximum output *or* power
débit (m) maximum, maximum (m) de débit

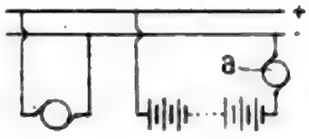
максимальная мощность (f); наибольшая мощность
potenza (f) massima
potencia (f) *ó* capacidad (f) máxima
8

---

selbsttätig umkehrbare Batteriezusatzgruppe (f), Piranigruppe (f)
group of automatic reversible battery boosters, Pirani-booster group *or* set
groupe (m) survolteur-dévolteur, groupe (m) Pirani *ou* survolteur (m) différentiel



группа (f) Пирани
gruppo (m) Pirani, survoltrice (f) autoinvertibile per batteria tampone
grupo (m) Pirani
9

1	umkehrbare Batterie-Zusatzmaschine (f) reversible battery booster dynamo (f) surélévatrice *ou* survolteur (m) de batterie	a	реверсивная *или* обратимая вольтодобавочная машина (f); обратимый бустеръ (m) dinamo (f) survoltrice riversibile dinamo (f) elevadora reversible para batería
2	Pufferdynamo (f) buffer dynamo survolteur (m) pour batterie tampon	 a	буферная динамомашина (f) dinamo-tampone (f) dinamo (f) de compensación
3	Zusatzdynamo (f), Spannungserhöher(m) booster survolteur (m), dynamo (f) surélévatrice		бустеръ (m); вольтодобавочная машина (f); повыситель (m) напряженія dinamo (f) survoltrice elevador (m) de tensión; dinamo (f) elevadora de tensión
4	die Batterie springt ein the battery takes the load *or* picks up the load la batterie vient en aide *ou* se décharge		батарея (f) включается la batteria entra in azione la batería entra en acción *ó* en función *ó* se intercala
5	der Motor fällt außer Tritt the motor comes out of step le moteur ne tourne plus sychroniquement		двигатель (m) выпадетъ изъ синхронизма il motore volge a corso non simetrico el motor pierde la marcha sincrónica
6	Ladespannung (f) charging voltage voltage (m) de charge, tension (f) de charge		напряженіе (n) при зарядкѣ *или* при заряженіи tensione (f) di carica tensión (f) de carga
7	Entladespannung (f) discharging voltage voltage (m) de décharge, tension (f) de décharge		напряженіе (n) при разряд[к]ѣ *или* при заряженіи tensione (f) di scarica tensión (f) de descarga
8	Ladezustand (m) in charged state *or* condition état (m) de charge		состояніе (n) заряда stato (m) di carica estado (m) de carga
9	die Spannung fällt stark ab the voltage drops rapidly la tension tombe rapidement		напряженіе (n) сильно падаетъ la tensione s'abbassa rapidamente la tensión baja rápidamente
10	kompensierende Wirkung (f) compensating action action (f) compensatrice		компенсирующее *или* выравнивающее дѣйствіе (n) azione (f) compensatrice acción (f) compensadora

die Sammelschienenspannung konstant halten (v)
to keep the bus bar voltage constant
maintenir (v) constante la tension des barres collectrices

поддерживать постоянное напряженіе на собирательныхъ шинахъ
tenere (v) costante la tensione alle sbarre collettrici
mantener (v) constante la tensión de las barras colectoras

1

Stromrückgewinnung (f)
regeneration *or* recuperation of current
récupération (f) de courant

возвратъ (m) *или* возстановленіе (n) тока
ricuperazione (f) *o* ricupero (m) di corrente
recuperación (f) de corriente

2

Spannungsausgleich (m)
voltage compensation *or* equalisation
compensation (f) *ou* égalisation (f) de tension

выравниваніе (n) напряженія
compensazione (f) della tensione
compensación (f) de la tensión

3

Streckenausrüstung

Line Equipment

Equipement de la ligne

Оборудованіе воздушной линіи

Equipaggiamento della linea

Equipo de la línea

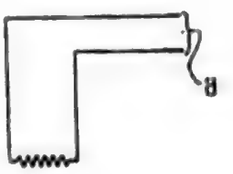
4

Stromzuführungsanlage (f)
current distributing plant
installation (f) de la distribution du courant

установка (f), подводящая токъ; устройство (n) распредѣленія тока
impianto (m) di distribuzione della corrente
instalación (f) de distribución de la corriente

5

Einphasenleitung (f)
single-phase line
ligne (f) *ou* canalisation (f) monophasée

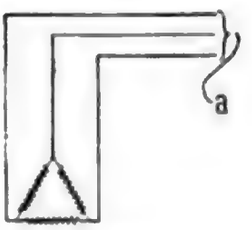


a

однофазный проводъ (m) *или* линія (f) *или* канализація (f)
conduttura (f) monofase
linea (f) monofásica

6

Drehstromleitung (f)
three-phase line
canalisation (f) triphasée *ou* à courant triphasé, ligne (f) triphasée *ou* à courant triphasé



a

трёхфазный проводъ (m); линія (f) *или* канализація (f) трёхфазнаго тока
conduttura (f) trifase
linea (f) [para corriente] trifásica

7

1 Hochspannungsleitung (f), Hochspannungsspeiser (m)
high-tension line, high-tension main
canalisation (f) à [courant de] haute tension, ligne (f) à [courant de] haute tension

проводъ (m) *или* линія (f) *или* канализація (f) высокаго напряженія
conduttura (f) ad alta tensione
canalización (f) *ó* línea (f) de alta tensión

---

2 Kraftübertragung (f)
power transmission
transport (m) de force

передача (f) силы *или* энергіи
trasporto (m) di energia *o* trasmissione (f) di energia
transporte (m) de fuerza

---

3 Kraftübertragungsleitung (f)
power transmission line
ligne (f) *ou* canalisation (f) de transport de la force motrice

проводъ (m) *или* линія (f) для передачи силы; канализація (f) для передачи энергіи
conduttura (f) per trasporto di forza
línea (f) para el transporte de fuerza

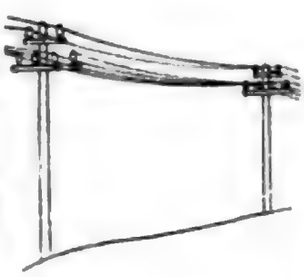
---

4 oberirdisches Leitungsnetz (n)
overhead network
réseau (m) de conducteurs aériens

воздушная сѣть (f) проводовъ
rete (f) aerea [di conduttori]
red (f) aérea *ó* de conductores aéreos

---

5 Oberleitung (f), Freileitung (f), Luftleitung (f), oberirdische Leitung (f)
aerial *or* overhead line
canalisation (f) *ou* ligne (f) aérienne



воздушный проводъ (m); надземная линія (f) *или* канализація (f)
conduttura (f) aerea
línea (f) aérea

---

6 Stromführung (f)
distribution of current
amenée (f) du courant

проводка (f) тока
conduzione (f) di corrente
conducción (f) de la corriente

---

7 Primärleitung (f)
primary line
canalisation (f) *ou* conducteur (m) primaire

первичный проводъ (m)
linea (f) primaria
conductor (m) primario, linea (f) primaria

---

8 Sekundärleitung (f)
secondary line
canalisation (f) *ou* conducteur (m) secondaire

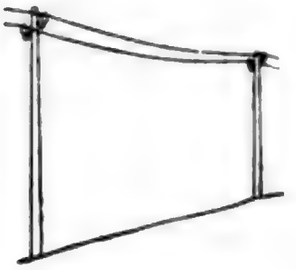
вторичный проводъ (m)
conduttura (f) secondaria
conductor (m) secundario, linea (f) secundaria

---

9 Einfachleitung (f)
single line
ligne (f) à un seul fil

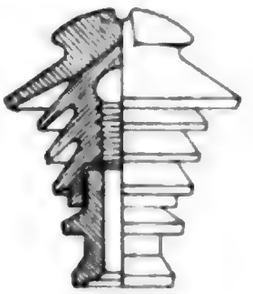
однопроводная линія (f)
conduttura (f) a un solo filo
línea (f) de un solo conductor

Doppelleitung (f)
double line
ligne (f) double



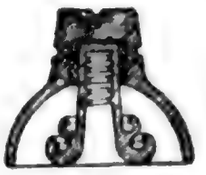
двухпроводная линія (f)
linea (f) a due fili
línea (f) doble ó de dos conductores
1

Primärisolator (m)
primary insulator
isolateur (m) de ligne primaire *ou* à haute tension



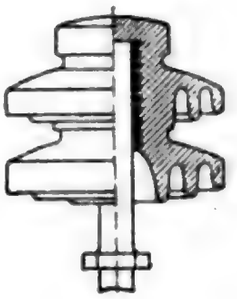
первичный изоляторъ (m)
isolatore (m) primario
aislador (m) de línea primaria ó para alta tensión
2

Ölisolator (m)
oil insulator
isolateur (m) à huile



масляный изоляторъ (m)
isolatore (m) ad olio
aislador (m) de aceite
3

Hochspannungsisolator (m)
high-tension insulator
isolateur (m) [pour courant] de haute tension

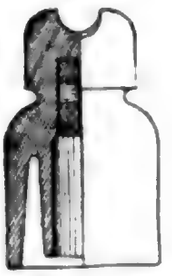


изоляторъ (m) высокаго напряженія
isolatore (m) per alta tensione
aislador (m) para [corriente de] alta tensión
4

Rillenisolator (m)
grooved insulator
isolateur (m) cannelé

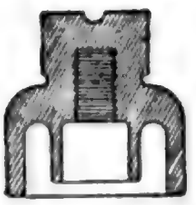
желобчатый изоляторъ (m)
isolatore (m) a scanalature
aislador (m) acanalado
5

Glockenisolator (m)
bell insulator
isolateur (m) à cloche



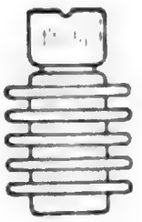
колоколообразный изоляторъ (m)
isolatore (m) a campana
aislador (m) de campana
6

Doppelglockenisolator (m)
double-shed insulator, double-cup *or* double-petticoat insulator
isolateur (m) [à] double cloche



изоляторъ (m) съ двойной юбкой
isolatore (m) a doppia campana
aislador (m) de doble campana
7

Rippenisolator (m)
ribbed insulator
isolateur (m) à ailettes *ou* à nervures



ребристый изоляторъ (m)
isolatore (m) ad alette
aislador (m) de aletas ó acostillado
8

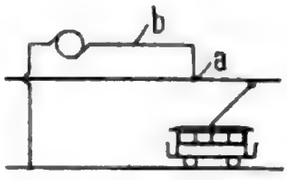
Speisestelle (f)
1 feeding point
point (m) d'alimentation

мѣсто (n) питанія
punto (m) d'alimentazione
punto (m) de alimentación

Hauptspeisepunkt (m)
main feeding point
2 centre (m) *ou* point (m) d'alimentation principal

главный питательный пунктъ (m); главный пунктъ питанія
punto (m) d'alimentazione principale
centro (m) de alimentación principal

Bahnspeisepunkt (m)
railway feeding point
3 centre (m) d'alimentation de la ligne [de tramway]



a

питательный пунктъ (m) желѣзнодорожнаго пути
punto (m) d'alimentazione della linea
centro (m) de alimentación para la línea

Bahnspeiseleitung (f)
railway feeder
4 conducteur (m) d'alimentation de la ligne [de tramway]

b

желѣзнодорожный фидеръ (m)
conduttura (f) d'alimentazione della linea
alimentador (m) de ferrocarril [eléctrico]

Speisekabel (n)
feeder, feeding cable, feeder cable
5 feeder (m), artère (f) *ou* câble (m) d'alimentation

питательный кабель (m) *или* фидеръ (m) желѣзной дороги
feeder (m), cavo (m) alimentatore *o* d'alimentazione
feeder (m), alimentador (m), cable (m) de alimentación

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verseiltes Dreifachkabel (n)
6 twisted treble cable
conducteur câblé à trois fils

витой трёхжильный кабель (m)
cavo (m) cordato
cable (m) triple de conductores cableados *ó* retorcidos *ó* de tres conductores cableados

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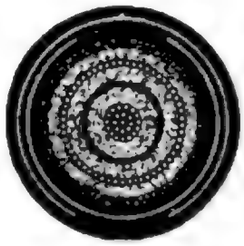
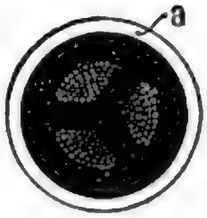
konzentrisches Kabel (n)
7 concentric cable
câble (m) concentrique



концентрическій кабель (m)
cavo (m) concentrico
cable (m) concéntrico

Bleimantel (m), Bleihülle (f)
8 lead covering
gaine (f) en plomb



a

свинцовая оболочка (f)
involucro (m) di piombo
envuelta (f) *ó* cubierta (f) de plomo

Eisenband (n)
9 band iron
ruban (m) en fer

желѣзная броня (f)
nastro (m) di ferro
armadura (f) de hierro

Eisenbandbewehrung (f) iron armouring armature (f) en feuillard		броня (f) изъ желѣзной ленты armatura (f) con nastro di ferro armadura (f) de cinta de hierro	1
Juteumhüllung (f) jute lapping revêtement (m) *ou* enveloppe (f) de jute	 a	джутовая оболочка (f) rivestimento (m) di juta revestimiento (m) *ó* envuelta (f) de yute	2
Kabelschuh (m) cable shoe *or* terminal cosse (f) à cables		кабельный наконечникъ (m) testa (f) di cavo zapata (f) *ó* terminal (m) para cables	3
Kabelendverschluß (m) cable end connection boîte (f) *ou* manchon (m) d'extrémité		оконечная *или* концевая муфта (f) manicotto (m) dell'estremità del cavo caja (f) *ó* manguito (m) terminal de cable	4
Kabelklemme (f) cable clamp attache (f) pour câbles	 a	зажимъ (m) *или* закрѣпъ (m) для кабелей attacco (m) per cavo collar (m) [de suspensión] para cables	5
Kabelmuffe (f) cable sleeve boîte (f) de jonction pour câbles		кабельная муфта (f) manicotto (m) per cavo caja (f) de empalme *ó* de unión *ó* enchufe (m) para cables	6
Prüfdraht (m) pilot wire fil (m) pilote		испытательный *или* контрольный проводъ (m) filo (m) pilota alambre (m) *ó* hilo (m) piloto	7
Kabelaufhängung (f) suspension of cable suspension (f) du câble d'alimentation		подвѣска (f) кабеля sospensione (f) del cavo d'alimentazione suspensión (f) del cable	8

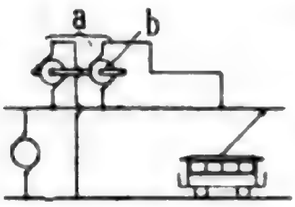
Verstärkungsleitung (f), Unterstützungsleitung (f)
1 boosting main
canalisation (f) de secours, ligne (f) de renfort

дополнительный *или* вспомогательный проводъ (m); добавочная линія (f)
linea (f) di rinforzo
conductor (m) *ó* linea (f) de socorro

Entlastungsleitung (f)
2 relieving main
conducteur (m) de soulagement

разгружающій проводъ (m)
conduttura (f) di rinforzo
conductor (m) *ó* linea (f) de alivio

Streckenzusatzgruppe(f)
3 group of line boosters
groupe (f) électrogène survolteur



a

линейная добавочная *или* линейная дополнительная группа (f)
gruppo (m) survoltore ausiliare di linea
grupo (m) electrógeno elevador [de tensión]

Streckenzusatzmaschine (f), Zusatzgenerator (m)
4 booster
survolteur (m)

b

линейная добавочная *или* вспомогательная машина (f)
macchina (f) ausiliare
máquina (f) elevadora de tensión de línea

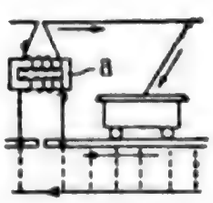
Streckenzusatztransformator (m)
booster transformer
5 transformateur (m) de section *ou* transformateur (m) elévateur de tension *ou* survolteur (m)

участковый вольтодобавочный трансформаторъ (m); добавочный линейный трансформаторъ
survoltatore (m) statico, autotrasformatore (m)
transformador (m) elevador (booster) de línea

Hilfstransformator (m)
auxiliary transformer
6 transformateur (m) auxiliaire

добавочный трансформаторъ (m)
trasformatore (m) ausiliario
transformador (m) auxiliar

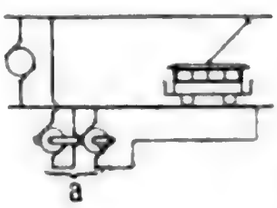
Saugtransformator (m)
negative boosting transformer, suction transformer
7 transformateur (m) sous-volteur *ou* aspirant, transformateur (m) compensateur de la tension [entre les rails et la terre]



a

отсасывающій трансформаторъ (m)
trasformatore (m) devoltore
transformador (m) colector

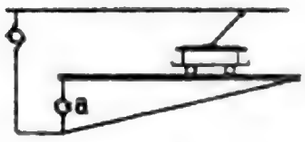
Saugaggregat (n)
group of negative boosters
8 booster (m), aspirateur, groupe (m) aspirant *ou* groupe (m) compensateur de la tension [entre la terre et les rails]



a

отсасывающій аггрегатъ (m) *или* комплектъ (m); отрицательный бустеръ (m)
gruppo (m) devoltore
grupo (m) aspirador *ó* colector, booster (m) negativo

Saugdynamo (f)
negative booster
dynamo (f) aspiratrice, sous-volteur (m) de feeder



a

отсасывающая динамо [машина] (f)
devoltore (m)
dinamo (f) colectora ó aspiradora, booster(m) negativo 1

Saugleitung (f)
negative boosting main, suction main
feeder (m) de retour

отсасывающій проводъ (m)
conduttore (m) devoltore 2
feeder (m) de retorno

Schienenrückleitung (f)
rail return
retour (m) par les rails

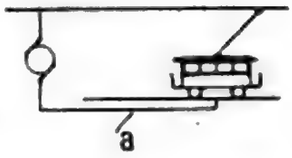
a

возвратъ (m) тока по рельсамъ
ritorno (m) di corrente per le rotaie 3
retorno (m) ó vuelta (f) por los carriles

Rückleitungsdraht (m), Rückspeiser (m)
return wire
fil (m) de retour

обратный проводъ (m)
filo (m) di ritorno
alambre (m) de retorno, conductor (m) de vuelta 4

Schienenspeisekabel(n), Rückspeisekabel (n)
rail feeder cable, return feeder cable
feeder (m) de retour



a

обратный отсасывающій фидеръ (m)
cavo (m) d'alimentazione di ritorno 5
cable (m) alimentador de retorno

Schienenpotential (n)
rail potential
potentiel (m) des rails

потенціалъ (m) рельсовъ
potenziale (m) delle rotaie 6
potencial (m) de los carriles

Schienenwiderstand (m)
rail resistance
résistance (f) des rails

сопротивленіе (n) рельсовъ
resistenza (f) delle rotaie 7
resistencia (f) de los carriles

metallischer Rückleitungsdraht (m)
metallic return
conducteur (m) nu de retour

голый обратный проводъ (m)
filo (m) di ritorno metallico 8
alambre (m) de retorno

isolierte Rückleitung (f)
insulated return
conducteur(m) de retour isolé

изолированный обратный проводъ (m)
conduttura (f) di ritorno isolata, cavo (m) di ritorno 9
conductor(m) de retorno aislado

Isolationswiderstand(m)
insulation resistance
résistance (f) d'isolement

сопротивленіе (n) изоляціи
resistenza (f) d'isolamento 10
resistencia (f) de aislamiento

1 Isolationsfehler (m)
fault *or* defect in insulation
défaut (m) d'isolement

повреждение (n) изоляции
difetto (m) d'isolamento
defecto (m) de aislamiento

2 Abzweigewiderstand (m)
shunt resistance, shunt
résistance (f) en dérivation, shunt (m)

ответвлённое *или* шунтовое сопротивление (n)
resistenza (f) in derivazione, shunt (m)
resistencia (f) en derivación *ó* shunt

3 Erdschlußprüfvorrichtung (f)
earth leakage testing device
appareil (m) pour la constatation des pertes à la terre

приспособление (n) для испытания земли *или* земляного сообщения
dispositivo (m) per la prova di derivazione a terra
disposición (f) para probar las perdidas á tierra

4 Erdschlußprüfer (m), Erdschlußanzeiger (m)
earth leakage indicator
indicateur (m) de perte à la terre

указатель (m) земляного сообщения; индукторъ (m)
indicatore (m) di [derivazione a] terra
indicador (m) del contacto terrestre *ó* de tierra

5 Isolationsprüfer (m), Insolationsmesser (m)
insulation tester
essayeur (m) d'isolement *ou* ohmmètre (m)

приборъ (m) для испытания *или* для измѣрения изоляции
verificatore (m) d'isolamento
verificador (m) de aislamiento

6 oberirdische Stromzuführung (f)
aerial *or* overhead current supply
ligne (f) aérienne d'alimentation *ou* d'amenée

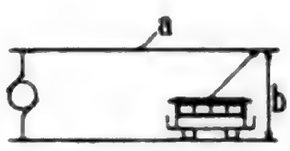
надземная *или* воздушная подводка (f) тока
conduttura (f) aerea
conducción (f) aérea de la corriente

7 Oberleitungsbetrieb (m)
overhead working *or* operation
service (m) avec prise de courant aérienne

работа (f) съ воздушнымъ проводомъ
esercizio (m) a filo aereo
funcionamiento (m) con conductor aéreo

8 Fahrdraht (m), Oberleitungsdraht (m), Arbeitsdraht (m), Kontaktdraht (m)
trolley wire, contact wire
fil (m) aérien *ou* de ligne *ou* de contact, ligne (f) de travail

воздушный проводъ (m); рабочій [*или* контактный] проводъ
filo (m) di linea *o* di servizio *o* di contatto, filo (m) aereo
alambre (m) *ó* hilo (m) *ó* conductor (m) de trabajo *ó* de linea *ó* de trolley *ó* de toma de corriente *ó* de contacto



a

Streckenspannung (f)
line voltage
tension (f) de ligne *ou* d'un tronçon *ou* d'une section

напряженіе (n) на линіи; линейное напряженіе
tensione (f) di linea 1
tensión (f) de una sección, voltaje (m) de la linea

Kontaktspannung (f), Berührungsspannung (f)
contact potential
tension (f) *ou* force (f) électromotrice de contact

напряженіе (n) въ контактѣ
tensione (f) di contatto 2
tensión (f) de contacto

Fahrleitungsspannung (f)
trolley wire pressure, trolley potential (A)
tension (f) du fil de ligne

напряженіе (n) рабочаго провода
tensione (f) al filo di linea 3
tensión (f) del alambre de linea

Fahrleitung (f)
contact *or* trolley line
fil (m) *ou* conducteur (m) de ligne *ou* fil (m) de trôlet

рабочій проводъ (m)
filo (m) di linea
linea (f) *ó* alambre (m) *ó* hilo (m) de trabajo 4

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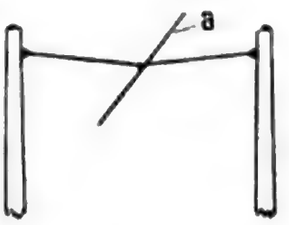
eindrähtige *oder* einpolige Fahrleitung (f)
single wire *or* single overhead line
conducteur (m) aérien *ou* ligne (f) de contact aerienne à un fil *ou* unipolaire

однополюсный рабочій проводъ (m); линія (f) съ однимъ воздушнымъ проводомъ
linea (f) di contatto ad un filo *o* unipolare 5
conductor (m) aéreo de un hilo *ó* unipolar



a

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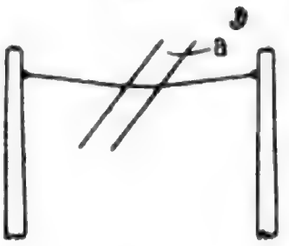
zweidrähtige *oder* doppelpolige Fahrleitung (f)
double wire overhead line
conducteur (m) aérien *ou* ligne (f) de contact aérienne à deux fils *ou* double

двухполюсный рабочій проводъ (m); линія (f) съ двумя воздушными проводами
linea (f) di contatto a due fili *od* a doppio filo 6
conductor (m) aéreo de dos hilos *ó* bipolar



a

Leitungsanordnung (f)
arrangement of line
disposition (f) de la canalisation

устройство (n) сѣти проводовъ
disposizione (f) della conduttura 7
disposición (f) de la línea

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die Leitung oberirdisch führen (v)
to carry the line overhead
exécuter (v) la canalisation aérienne

вести провода надъ землёй
condurre (v) la conduttura per l'aria 8
conducir (v) la linea en el aire

Oberleitungsplan (m)
plan of overhead line
plan (m) de la canalisation aérienne

планъ (m) воздушной сѣти *или* проводки *или* канализаціи
piano (m) della conduttura aerea 9
plano (m) de los conductores aéreos

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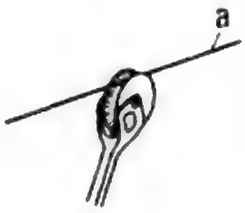
Bügelleitung (f)
contact line, line for
1 contact bow *or* bow collector
ligne (f) à archet

система (f) проводки при токопріемникѣ-дугѣ
linea (f) per contatto ad archetto
línea (f) de [contacto por] arco

Rollenleitung (f)
2 trolley line
ligne (f) à trôlet



система (f) проводки при роликовомъ токопріемникѣ
linea (f) per contatto a rotella
línea (f) de trole

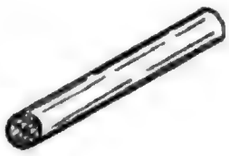
Ruten[kontakt]leitung (f)
3 trolley pole line
ligne (f) à antenne [de prise de courant]

система (f) проводки при токопріемникѣ-прутѣ
linea (f) per contatto a verga *od* a antenna
línea (f) [para contacto] de antena

Oberleitungsmaterial(n)
4 overhead line material
matériel (m) de canalisation aérienne

матеріалъ (m) воздушной сѣти *или* канализаціи
materiale (m) per conduttura aerea
material (m) para el conductor aéreo

Runddraht (m)
5 round wire
fil (m) [métallique] à section circulaire



круглый проводъ (m); проволока (f) круглаго сѣченія
filo (m) tondo *o* cilindrico
alambre (m) *ó* hilo (m) redondo

Weichkupferdraht (m)
6 soft copper wire
fil (m) de cuivre doux

проволока (f) изъ мягкой мѣди
filo (m) di rame dolce *o* ricotto
alambre (m) de cobre dulce *ó* recocido

Hartkupferdraht (m), hartgezogener Kupferdraht (m)
7 hard-drawn copper wire
fil (m) de cuivre écroui, fil (m) de cuivre étiré à froid

проволока (f) изъ твёрдой мѣди; твёрдотянутая мѣдная проволока
filo (m) di rame crudo stirato
alambre (m) de cobre endurecido *ó* de cobre estirado en frío

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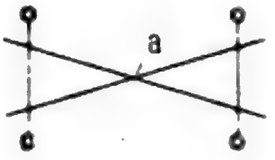
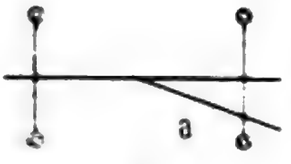
Bronzedraht (m)
8 bronze wire
fil (m) de bronze

бронзовая проволока (f)
filo (m) di bronzo
alambre (m) *ó* hilo (m) de bronce

Siliziumbronzedraht (m) silicon-bronze wire fil (m) de bronze au silicium, fil (m) de bronze siliceux		проволока (f) изъ силиціевой бронзы; кремнистая бронзовая проволока filo (m) di bronzo silicioso alambre (m) de bronce silicioso	1
Aluminiumdraht (m) aluminium wire, aluminum (A) wire fil (m) d'aluminium		алюминіевая проволока (f) filo (m) d'alluminio alambre (m) de aluminio	2
Stahldraht (m) steel wire fil (m) d'acier		стальная проволока (f) filo (m) d'acciaio alambre (m) de acero	3
Eisendraht (m) iron wire fil (m) de fer		желѣзная проволока (f) filo (m) di ferro alambre (m) de hierro	4
Formdraht (m), Profildraht (m) shaped wire, profile wire conducteur (m) profilé		профильная проволока (f) filo (m) profilato o sagomato alambre (m) perfilado	5
flacher Profildraht (m) flat wire fil (m) plat		плоская профильная проволока (f) filo (m) profilato piatto alambre (m) perfilado plano	6
Rillendraht (m) grooved wire fil (m) cannelé		желобчатая проволока (f) filo (m) scanalato alambre (m) acanalado	7
achtförmiger Draht (m) wire of figure of eight section, figure eight wire fil (m) cannelé, fil (m) en [forme de] 8		проволока въ формѣ высокой восьмёрки filo (m) a [sezione di] 8 alambre (m) acanalado, alambre (m) de sección en forma de 8	8
Leitfähigkeit (f) conductivity conductibilité (f)		проводимость (f) conduttività (f) conductibilidad (f)	9
Spannungsabfall (m), Voltverlust (m) voltage *or* potential drop chute (f) de voltage		паденіе (n) напряженія caduta (f) di tensione caída (f) de tensión	10
Fahrdrahtquerschnitt (m) cross-section of contact wire section (f) du fil de ligne	a b	поперечное сѣченіе (n) рабочаго провода sezione (f) del filo di linea sección (f) del alambre de linea	11

a

1	Schleiffläche (f) sliding surface surface (f) de frottement *ou* de glissement	b	поверхность (f) скольженія superficie (f) di scorrimento *o* strisciamento superficie (f) de deslizamiento *ó* de contacto
2	Abnutzungsfläche (f) wearing surface surface (f) d'usure *ou* soumise à l'usure	a	поверхность (f) износа *или* изнашиванія superficie (f) di usura superficie (f) sometida al desgaste
3	den Draht stauchen (v) to jolt the wire refouler (v) le fil		сплющивать проволоку appiattire (v) il filo aplasta (v) *ó* recalcar (v) el alambre
4	doppelter Fahrdraht (m) double contact wire double fil (m) de ligne		двойной рабочій *или* контактный проводъ (m) filo (m) di linea doppio línea (f) doble de trabajo
5	Schwingung (f) *oder* Vibration (f) des Fahrdrahtes vibration of the contact wire vibration (f) du fil de ligne		вибрація (f) *или* колебанія (n pl) рабочаго провода vibrazione (f) del filo di linea vibración (f) del alambre de trabajo
6	die Drähte laufen zusammen the contact wires are joined les fils se rejoignent *ou* se réunissent	a	провода (m pl) сходятся i fili si uniscono los alambres se reunen
7	der Draht sackt *oder* hängt durch the wire sags le fil prend de la flèche *ou* s'infléchit	a	проводъ (m) провисаетъ il filo s'incurva *o* fa freccia el alambre hace flecha *ó* pandeo *ó* flexiona
8	der Draht schwankt the wire swings *or* oscillates le fil oscille		проводъ (m) качается il filo oscilla el alambre oscila *ó* se mueve
9	Peitschen (n) des Fahrdrahtes whipping of the contact wire fouettement (m) du fil de ligne		захлёстываніе (n) рабочаго провода scuriamento (m) del filo della linea latigazo (m) del hilo de trabajo

die Leitungen übereinander anordnen (v) to arrange the lines one above the other superposer (v) les conducteurs, disposer (v) les conducteurs les uns au-dessus des autres		распо-ложить(-лагать) провода другъ надъ другомъ disporre (v) le condutture le une sopra le altre disponer (v) los conductores unos por encima de otros	1
Linienkreuzung (f) line crossing croisement (m) de ligne		скрещиваніе (n) линій incrocio (m) di linee cruzamiento (m) de líneas	2
Kreuzungspunkt (m) point of crossing point (m) de croisement	 a	точка (f) скрещенія punto (m) d'incrocio punto (m) de cruzamiento	3
Knotenpunkt (m) junction point (m) de jonction *ou* de raccordement		узелъ (m) punto (m) di collegamento, nodo (m) punto (m) de unión	4
Abzweigung (f) branch, tap branchement (m), bifurcation (f)	 a	отвѣтвленіе (n) diramazione (f) bifurcación (f), derivación (f)	5
Fahrdrahtausrüstung (f) trolley *or* contact wire equipment équipement (m) du fil de ligne		оборудованіе (n) рабочаго провода equipaggiamento (m) del filo di linea equipo (m) *ó* accesorios (m pl) del alambre de trabajo	6
Streckenausrüstungsteile (m pl) line equipment pièces (f pl) *ou* accessoires (m pl) d'équipement d'un tronçon de voie		части (f pl) для оборудованія линіи parti (f pl) d'equipaggiamento della linea accesorios (m pl) de la línea	7
Klemmöse (f) mechanical ear pince (f) *ou* oreille (f) de serrage		зажимной держатель (m); подвѣска (f) для зажиманія griffa (f) a morsetto casquillo (m) *ú* ojete (m) de sujeción	8
Lötöse (f) soldered ear pince (f) *ou* oreille (f) à souder		держатель (m) *или* подвѣска (f) для припоя attacco (m) a saldare ojete (m) para soldar	9
geradlinige Öse (f) straight ear pince (f) *ou* oreille (f) (pour section rectiligne)		анкерный держатель (m); подвѣска (f) для закрѣпленія griffa (f) per linea retta ojo (m) rectilíneo	10

1 Kurvenöse (f)
curve ear
pince (f) *ou* oreille (f) pour courbe

держатель (m) *или* подвѣска (f) для кривыхъ
griffa (f) per curva
ojo (m) para curva

2 Verankerungsöse (f), Verankerungsklammer (f)
anchor *or* strain ear
pince (f) *ou* oreille (f) d'ancrage

держатель (m) для прямого пути; подвѣска (f) для прямой линіи
griffa (f) d'ancoraggio
ojo (m) de arriostrado

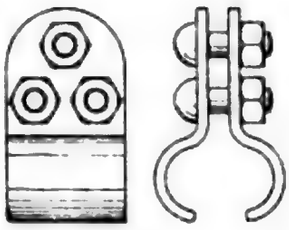
3 Verbindungsöse (f), Verbindungsklammer (f)
splicing ear
oreille (f) *ou* attache (f) *ou* pince (f) de jonction

соединительный держатель (m); соединительная подвѣска (f)
attacco (m) per giunti, morsetto (m) di raccordo
ojo (m) de unión, pinza (f) de unión

4 Ankerverbindungsklammer (f)
anchor-splicing ear
pince (f) de jonction et d'ancrage

подвѣска (f) для присоединенія оттяжки; соединительный анкерный держатель (m)
morsetto (m) di giunzione dell'ancoraggio
grapa (f) de unión y de sujeción

5 Aufhängungsklemme (f)
suspension clamp
pince (f) de suspension agrafe (f) *ou* bride (f)



зажимъ (m) *или* клемма (f) для подвѣшенія
morsetto (m) di sospensione
pinza (f) *ó* terminal (m) de suspensión

6 Hängebolzen (m)
suspension bolt
boulon (m) de suspension

подвѣсный болтъ (m)
bullone (m) di sospensione, bullone (m) isolante
perno (m) de suspensión

7 den Fahrdraht festklemmen (v) *oder* einklemmen (v)
to clamp the contact wire
fixer (v) le fil de ligne par serrage

зажать рабочій проводъ
fissare (v) il filo di linea nel morsetto
apretar (v) *ó* fijar (v) el alambre de trabajo

8 den Fahrdraht umfassen (v)
to grip the contact wire
saisir (v) le fil de ligne

обхватить рабочій проводъ
abbracciare (v) il filo di linea
abrazar (v) el alambre de trabajo

9 das Fahrdrahtende einlöten (v)
to solder-in *or* to sweat-on the trolley wire
souder (v) l'extrémité de fil de ligne [dans . .]

запаять конецъ рабочаго провода
saldare (v) l'estremità del filo di linea [in . . .]
soldar (v) el extremo del alambre de trabajo [en . .]

Drahthalterende (n) end of terminal clamp extrémité (f) de support de fil		лапки (f pl) держателя estremità (f) del porta-filo extremidad (f) de porta-alambre	1
Lappenende (n) end of wing extrémité (f) d'une oreille		конецъ (m) лапы estremità (f) dell'attacco extremidad (f) de oreja	2
Speiseöse (f) feed ear oreille (f) du conducteur d'alimentation		питательный держатель (m); питательная подвѣска (f) griffa (f) d'alimentazione ojo (m) del conductor de alimentación	3
Drahtanschluß (m) cable socket, junction terminal pince (f) de raccordement (m) du fil au câble	a	мѣсто (n) присоединенія провода attacco (m) del feeder empalme (m)	4
Schutzöse (f) guard ear oreille (m) de protection		предохранительная подвѣска (f) griffa (f) di protezione ojete (m) de protección	5
Tragklemme (f) supporting clamp pince (f) du support		подвѣсный зажимъ (m) morsetto (m) portante pinza (f) ó mordaza (f) de soporte	6
Stoßklemme (f) connecting clamp pince (f) de jonction		стыковый зажимъ (m) morsetto (m) di giunzione pinza (f) de empalme ó de junta	7
Nachspannöse (f) adjusting ear oreille (f) avec tendeur		держатель (m) для подтягиванія проводовъ; подвѣска (f) съ регулированіемъ натяженія attacco (m) per tendere ojete (m) tensor ó para ajustar	8
Blitzableiteröse (f) lightning arrester ear oreille (f) pour [le raccordement au] parafoudre	 a	громоотводный держатель (m); громоотводная подвѣска (f) attacco (m) per parafulmine ojete (m) ó terminal (m) de pararrayos	9
Drahthalter (m) mit beweglicher Zapfenlagerung wire holder with trunnion bearings support (m) de pince à tige mobile		держатель (m) *или* подвѣска (f) съ подвижными губками portafilo (m) con attacco snodato porta-alambre (m) montado sobre cojinetes	10

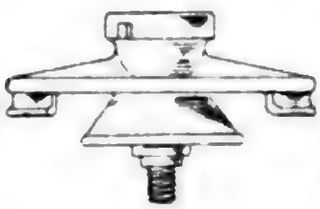
1 Fahrdrahtisolator (m)
trolley *or* contact wire insulator
isolateur (m) de fil de ligne

изоляторъ (m) для рабочаго провода
isolatore (m) del filo di linea
aislador (m) de alambre de trabajo

2 [Auf-]Hängisolator (m)
suspension insulator
isolateur (m) à [crochet de] suspension

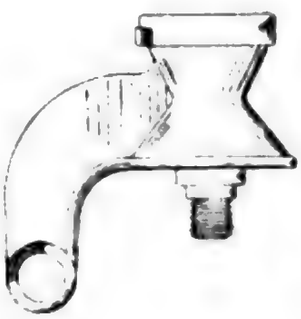
подвѣсный изоляторъ (m)
isolatore (m) a [gancio di] sospensione
aislador(m) [con gancho] de suspension

3 Geradehalter (m)
straight line hanger
support (m) isolé *ou* isolateur pour ligne droite



держатель (m) для прямой линіи; изоляторъ (m) для прямого пути
sostegno (m) per tratte diritte
soporte (m) pare linea recta

4 einarmiger Kurvenhalter (m), Kurvenisolator (m)
single pull-off
support (m) isolé pour courbe à un bras, isolateur (m) pour courbe



одноплечій держатель (m) *или* одноплечій изоляторъ (m) для кривыхъ; изоляторъ для кривыхъ
sostegno (m) per curve ad un braccio, isolatore (m) per curve
soporte (m) de curva de un brazo, aislador (m) de curva

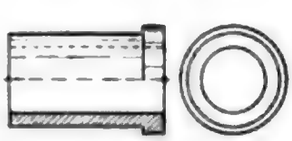
5 zweiarmiger Kurvenhalter (m) *oder* Isolator (m)
double pull off
support (m) isolé pour courbe à deux bras, isolateur (m) à deux bras

двуплечій держатель (m) *или* двуплечій изоляторъ (m) для кривыхъ; двуплечій изоляторъ
sostegno (m) per curve a due bracci, isolatore (m) a due bracci
soporte (m) de curva de dos brazos *ó* ramas, aislador (m) de dos brazos *ó* ramas

6 Ankerisolator (m)
strain-insulator
isolateur (m) pour ancrage

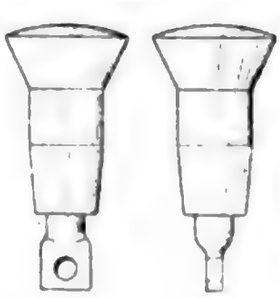
анкерный изоляторъ (m); изоляторъ для закрѣпленія
isolatore (m) d'ancoraggio
aislador (m) de anclaje

7 Isolierbüchse (f)
insulator-bush
cylindre (m) isolant



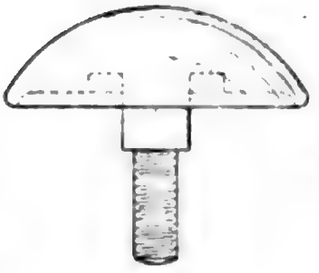
изолирующая втулка (f) *или* букса (f)
bussola (f) isolante
casquillo (m) aislante

8 Isolierkegel (m), [Isolierkonus (m)]
insulator cone
cône (m) isolant



изолирующій конусъ (m)
bullone (m) isolante conico
cono (m) aislante, aislador (m) cónico

Isolierkappe (f)
cap
isolateur (m) à chapeau



изолирующая покрышка (f)
cappello (m) isolante
sombrerete (m) aislante *ó* aislador *1*

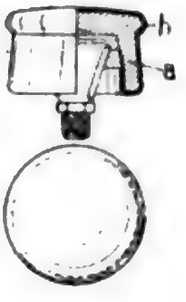
Isolierbolzen (m)
insulating bolt
tige (f) de suspension *ou* boulon (m) avec tête isolée

изолирующій болтъ (m)
bullone (m) isolante con guaina compressa
tornillo (m) con aislamiento prensado *2*

Isoliermasse (f), Isoliermaterial (n), Isolationsmaterial (n)
insulation substance, insulation compound, insulation material
masse (f) *ou* matière (f) *ou* composition (f) isolante; pâte (f) isolante, isolant (m), matière (f) *ou* substance (f) isolante

изолирующая *или* изоляціонная масса (f); изолирующій составъ (m); изолирующій *или* изоляціонный *или* изолировочный матеріалъ (m); изолирующее вещество (n)
composizione (f) *o* materia (f) isolante, materiale (m) isolante
masa (f) *ó* pasta (f) aisladora, material (m) aislante *3*

Doppelisolator (m)
double insulator
isolateur (m) double



двойной изоляторъ (m)
sospensione (f) a doppio isolamento
aislador (m) doble *4*

Gewindering (m)
threaded ring
bague (f) filetée

a

кольцо (n) съ нарѣзкой
ghiera (f) filettata
anillo (m) roscado *5*

Schutzmantel (m)
protective shell *or* cover
chapeau (m) protecteur

b

предохранительный кожухъ (m)
mantello (m) *o* cappello (m) protettore
envuelta (f) *ó* cubierta (f) de protección *6*

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freibewegliche Aufhängung (f)
flexible suspension
support (m) isole à mouvement libre

свободная подвѣска (f)
griffa (f) a morsetti mobili
suspensión (f) libremente móvil *7*

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einarmige Aufhängung (f)
single-arm suspension
support (m) *ou* suspension (f) à un bras

одноплечая подвѣска (f)
sospensione (f) ad un braccio
suspensión (f) de un brazo *8*

zweiarmige Aufhängung (f)
1 double-arm suspension support (m) *ou* suspension (f) à deux bras

двуплечая подвѣска (f)
sospensione (f) a due bracci
suspensión (f) de dos brazos

Aufhängearm (m)
2 suspension bracket support (m) à bras (m)

подвѣсное плечо (n)
braccio (m) di sospensione
brazo (m) de suspensión

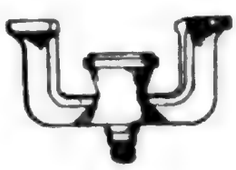
Deckenaufhängung (f)
3 ceiling suspension for top attachment support (f) de plafond

потолочная подвѣска (f) для верхняго укрѣпленія
sospensione (f) da soffitto per attacco superiore
suspensión (f) de techo

Grubenisolator (m)
4 mine insulator isolateur (m) pour puits (de mine)

изоляторъ (m) для рудниковъ; рудничный изоляторъ
isolatore (m) per *o* da miniere
aislador (m) para minas

Deckenisolator (m)
5 ceiling hanger isolateur (m) de plafond



потолочный изоляторъ (m)
isolatore (m) per soffitto
aislador (m) de techo

Deckenisolatorhalter (m)
6 ceiling hanger support porte-isolateur (m) de plafond

потолочный изоляторный крюкъ (m) или штырь (m)
porta-isolatore (m) da soffitto
porta-aislador (m) de techo

Tunnelisolator (m)
7 tunnel insulator isolateur (m) pour tunnel

туннельный изоляторъ (m); изоляторъ (m) для тоннелей
isolatore (m) per galleria
aislador (m) de túnel

Auslegerisolator (m) mit einfacher Isolation
8 bracket insulator with single insulation isolateur (m) à console avec isolement simple

изоляторъ (m) для кронштейновъ съ ординарной изоляціей
isolatore (m) da mensola con isolazione semplice
aislador (m) de consola con aislamiento sencillo

Auslegerisolator (m) mit doppelter Isolation
9 bracket insulator with double insulation isolateur (m) à console avec isolement double

изоляторъ (m) для кронштейновъ съ двойной изоляціей
isolatore (m) da mensola con isolamento doppio
aislador (m) de consola con aislamiento doble

Luftkreuzung (f)
aerial crossing
croisement (m) aérien

воздушная крестовина (f)
incrocio (m) aereo
cruzamiento (m) ó cruce (m) aereo 1

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feste *oder* unverstellbare Kreuzung (f)
rigid crossing
croisement (m) [à angle] non réglable

неподвижная *или* непереставляемая крестовина (f)
incrocio (m) fisso *o* rigido
cruzamiento (m) ó cruce (m) no regulable ó invariable 2

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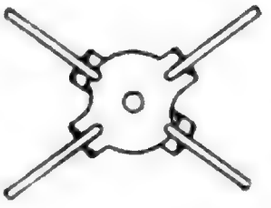
verstellbare *oder* bewegliche Kreuzung (f)
adjustable crossing
croisement (m) réglable pour fil aérien

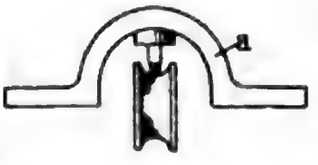


подвижная переставляющаяся *или* воздушная крестовина (f) для рабочихъ [*или* контактныхъ] проводовъ
incrocio (m) [aereo] snodato
cruzamiento (m) ó cruce (m) aéreo regulable 3

Kreuzungsklemme (f)
crossing clamp
pince (f) de croisement

зажимъ (m) въ крестовинѣ
morsetto (m) d'incrocio
pinza (f) de cruzamiento ó de cruce 4

Spannbügel (m)
bow for crossing of a bow-contact line with a trolley line
étrier (m) de suspension *ou* de relèvement



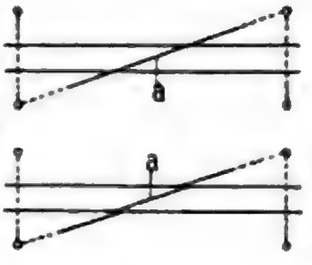
a

подвѣсный натяжной хомутъ (m) *или* бугель (m)
staffa (f) di sospensione
estribo (m) de suspensión 5

Luftweiche (f)
aerial frog
aiguillage (m) *ou* changement (m) de voie aérien

воздушная стрѣлка (f)
scambio (m) aereo
aguja (f) aérea 6

Fahrdrahtweiche (f)
overhead frog
[appareil (m) de] changement (m) de fil, changement (m) de voie du fil de ligne



воздушная стрѣлка (f)
scambio (m) formato col filo di linea
cambio (m) de via ó aguja (f) del alambre de trabajo 7

Weichendraht (m)
frog wire
fil (m) de changement de voie aérien

a

проводъ (m) стрѣлки
filo (m) di scambio
alambre (m) de cambio de via aéreo 8

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zweifache Weiche (f)
two-way frog
double (adj) changement de voie, double (adj) aiguillage

двойная стрѣлка (f)
scambio (m) a due vie
aguja (f) doble 9

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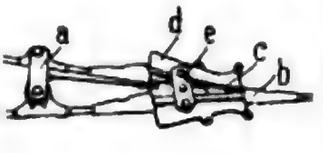
symmetrische Luftweiche (f)
equilateral frog
changement (m) de voie aérien symétrique



симметричная воздушная стрѣлка (f)
scambio (m) aereo simmetrico
aguja (f) aérea simétrica 10

Fahrdrahtstoß (m) trolley wire joint joint (m) de fil de ligne	стыкъ (m) рабочаго провода giunto (m) del filo di linea junta (f) del alambre de trabajo	1
Verbindungsmuffe (f) splicing sleeve tube (m) de jonction *ou* manchon (m) de raccordement	соединительная муфта (f) manicotto (m) di giunzione manguito (m) de unión *ó* de empalme	2
Lötverbindungsmuffe (f) splicing sleeve for soldering tube (m) de jonction *ou* manchon (m) de raccordement à soudure	соединительная муфта (f) для пайки manicotto (m) di giunzione a saldatura manguito (m) para unión por soldadura *ó* de empalme soldado	3
Klemmverbindungsmuffe (f) sleeve for clamping wires together tube (m) de jonction *ou* manchon (m) de raccordement à serrage	соединительная зажимающаяся муфта (f) manicotto (m) di giunzione a morsetto manguito (m) de unión *ó* de empalme por presión	4
Einführungsmuffe (f) inlet sleeve tube (m) *ou* manchon (m) d'entrée	вводная муфта (f) manicotto (m) d'entrata manguito (m) de entrada	5
Abzweigmuffe (f) branch box, T junction box tube (m) *ou* manchon (m) pour branchement	отвѣтвительная *или* тройниковая муфта (f); тройникъ (m) cassetta (f) di derivazione per cavi manguito (m) *ó* enchufe (m) de bifurcación	6
Endmuffe (f) end sleeve tube (m) *ou* manchon (m) d'extrémité	концевая *или* оконечная муфта (f) manicotto (m) d'estremità manguito (m) de extremidad	7
Drahtbund (m), Bindestelle (f) joint point (m) de jonction de fils, ligature (f)	мѣсто (n) сроста legatura (f) ligadura (f)	8
Lötstelle (f), Lötfuge (f) soldered joint soudure (f), joint (m) soudé	мѣсто (n) [с]пайки saldatura (f), giunto (m) saldato [punto (m) de] soldadura (f), junta (f) soldada	9
Würgbund (m) twisted joint torsade (f), épissure (f)	скрутка (f) giunto (m) a torsione empalme (m) por torsión	10

1 die Oberleitung straff spannen (v)
to tighten the contact line
tendre (v) rigidement le conducteur aérien

натянуть сильно рабочій проводъ
tendere (v) rigidamente la conduttura aerea
tender (v) rigidamente el conductor aéreo

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2 Leitungsstrecke (f)
section of line
tronçon (m) de conducteur

участокъ (m) линіи
tronco (m) di linea
sección (f) de línea

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3 Fahrdrahtstrecke (f)
trolley line section
section (f) *ou* tronçon (m) de fil de ligne

участокъ (m) рабочаго *или* контактнаго провода
tronco (m) di linea
sección (f) del alambre de trabajo

---

4 Streckenhälfte (f)
half section of line
demi tronçon (m), moitié (f) de section

половина (f) участка
metà sezione (f), metà tronco (m)
mitad (f) de sección, semi-sección (f)

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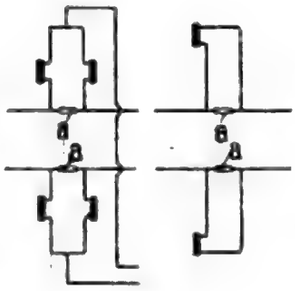
5 Streckentrennung (f)
separation *or* division of sections of the line
séparation (f) *ou* dédoublement (m) des tronçons *ou* sections



раздѣлъ (m) участковъ
separazione (f) delle sezioni
separación (f) de secciones

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6 Streckenunterbrecher (m), Streckenschalter (m)
section switch
interrupteur (f) *ou* isolateur (m) de section

участковый изоляторъ (m) съ выключателемъ: участковый выключатель (m)
interruttore (m) di sezione
interruptor (m) de sección

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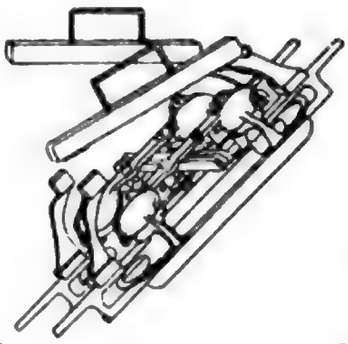
7 doppelter Streckenunterbrecher (m)
section insulator and switch
double interrupteur (m) *ou* isolateur (m) de section



двойной участковый изоляторъ (m) съ выключателями; двойной участковый выключатель (m)
interruttore (m) doppio di sezione
interruptor (m) doble de sección

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8 Streckentrennungsstelle (f), Unterbrechungsstelle (f)
point where line is divided, point of subdivision
point (m) de séparation des section, point (m) d'interruption

мѣсто (n) раздѣленія участка; мѣсто перерыва
punto (m) di separazione delle sezioni, punto (m) di interruzione
punto (m) de separación de las secciones, punto (m) de interrupción

Ausschaltestange (f)
cut-out rod
bâton (m) de manœuvre d'interrupteur

палка (f) для выключателя
barra (f) d'interruzione 1
varilla (f) ó barra (f) de interrupción

Unterbrechungsisolator (m)
subdivision insulator
isolateur-interrupteur (m)

контрольный изоляторъ (m); изоляторъ для перерыва линіи 2
isolatore (m) interruttore
aislador (m) interruptor

Stromunterbrechung (f)
interruption of current
interruption (f) du courant

перерывъ (m) тока
interruzione (f) della corrente 3
interrupción (f) de la corriente

Abteilungsisolator (m)
section insulator
isolateur (m) de division

a

дѣлительный изоляторъ
isolatore (m) di compartimento 4
aislador (m) de división

Streckenisolator (m)
line insulator
isolateur (m) de section

участковый изоляторъ (m) 5
isolatore (m) di linea
aislador (m) de sección

Unterteilung (f) der Isolationsstrecke
subdivision of insulated line
subdivision (f) de la partie isolée

подраздѣленіе (n) изоляціоннаго участка
suddivisione (f) della sezione d'isolamento 6
subdivisión (f) de la parte aislada

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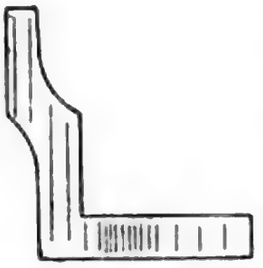
einfacher Beidrahtwinkel (n)
simple auxiliary wire carrier
équerre (f) simple de fil auxiliaire



простой угольникъ (m) вспомогательнаго провода
squadra (f) semplice di filo ausiliare 7
escuadra (f) sencilla de alambre auxiliar

---

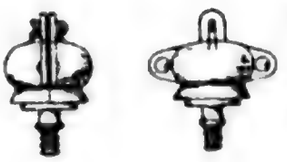
doppelter Beidrahtwinkel (m)
double auxiliary wire carrier
équerre (f) double de fil auxiliaire

двойной угольникъ (m) вспомогательнаго провода
squadra (f) doppia di filo ausiliare 8
escuadra (f) doble de alambre auxiliar

Drahtbruch (m)
breaking of a wire
rupture (f) de fil

обрывъ (m) проволоки *или* провода 9
rottura (f) del filo
rotura (f) del alambre

Aufsatzisolator (m)
supporting insulator
support (m) isolé (du fil de garde)



изоляторъ (m) съ насадкой *или* шляпкой 10
isolatore (m)
soporte (m) aislado (del hilo de protección)

1 Telephonschutz (m)
telephone-protection
protection (f) des téléphones

предохраненіе (n) телефонныхъ проводовъ
protezione (f) telefonica
protección (f) de los teléfonos

2 Telephonschutznetz (n)
guard for broken telephone wires
filet (m) protecteur des téléphones

предохранительная сѣтка (f) для телефонныхъ проводовъ
rete (f) di protezione telefonica
red (f) de protección de los teléfonos

3 Schutzdraht (m)
guard wire, protective wire (A)
fil (m) de garde

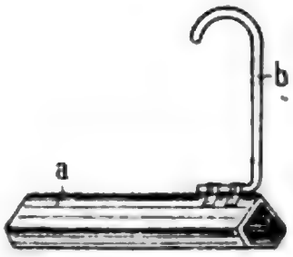
a

предохранительная проволока (f)
filo (m) di protezione *o* di guardia
alambre (m) de protección

4 Schutzbügel (m)
guard bow
pont (m) *ou* étrier (m) de protection *ou* de garde

предохранительный бугель (m)
archetto (m) di protezione
estribo (m) *ó* puente (m) de protección

5 Schutzleiste (f), Telephonschutzleiste (f)
guard strip
baguette (f) de protection *ou* de garde



a

предохранительная планка (f); предохранительная планка для телефонныхъ проводовъ
lista (f) di protezione
listón (m) *ó* tejadillo (m) protector

6 Fanghaken (m)
catch-hook
crochet (m) d'arrêt

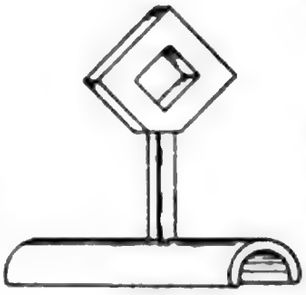
b

задерживающій *или* подхватывающій крюкъ (m); захватка (f)
uncino (m) d'arresto
gancho (m) de detención

7 Endhaken (m)
end hook
crochet (m) terminal

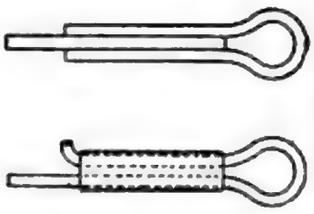
концевой крюкъ (m)
uncino (m) d'estremità
gancho (m) terminal

8 Messingreiter (m)
brass rider
cavalier (m) en laiton



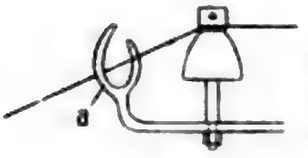
латунное сѣдло (n)
cavaliere (m) di lata
caballete (m) de latón

9 Schlinge (f)
loop
boucle (f)



петля (f)
laccio (m), cappio (m)
lazo (m)

Erdschlinge (f)
earth loop
boucle (f) de mise à la terre



a

заземляющая петля (f)
laccio (m) di terra
lazo (m) de tierra 1

Verstärkungshülse (f)
stiffening sleeve
douille (f) de renforcement

a

укрѣпляющая втулка (f)
guaina (f) di rinforzo
casquillo (m) ó manguito (m) de refuerzo 2

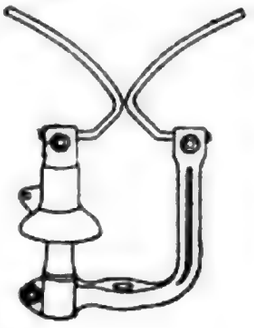
Streckenblitzschutzvorrichtung (f)
section lightning protector
dispositif (m) de protection de tronçon *ou* de section contre la foudre

линейное громоотводное приспособленіе (n)
parafulmine (m) di sezione
pararrayos (m) de sección 3

Streckenblitzableiter (m)
section lightning arrester
parafoudre (m) de section

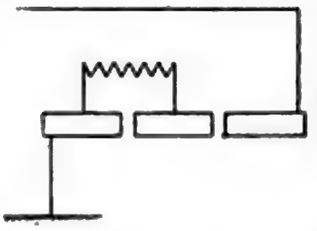
линейный громоотводъ (m)
scaricatore (m) di sezione
pararrayos (m) de sección 4

Hörnerblitzableiter (m)
horn lightning arrester
parafoudre (m) à cornes



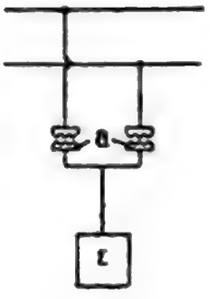
роговидный *или* рогообразный громоотводъ (m)
parafulmine (m) a corni
pararrayos (m) de antenas 5

Spulenblitzableiter (m)
coil lightning arrester
parafoudre (m) à bobine de self-induction



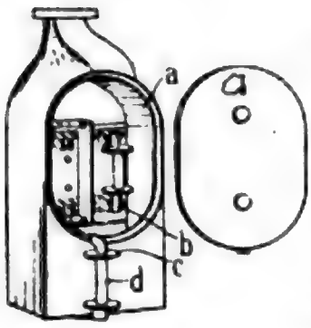
громоотводъ (m) съ катушкой
scaricatore (m) a bobina
pararrayos (m) de bobina de autoinducción 6

Plattenblitzableiter (m)
plate lightning arrester
parafoudre (m) à plaques

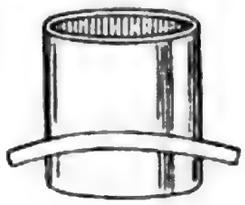


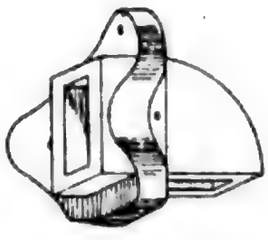
a

пластинчатый громоотводъ (m)
piastra (f) a punte
pararrayos (m) de placas

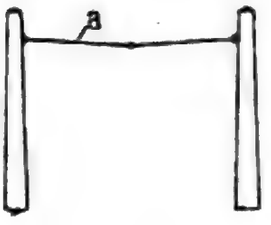


Streckenschaltkasten (m) 1 section switch box boite (f) d'interrupteur de section		линейный выключающій ящикъ (m) scatola (f) dell' interruttore di sezione caja (f) ó registro (m) de interruptor de sección
Ausschalterkasten (m) 2 switch box boite (f) d'interrupteur	a	ящикъ (m) выключателя scatola (f) dell' interruttore caja (f) del interruptor
Schaltmesser (n) 3 blade *or* knife of switch couteau (m) d'interrupteur	c	ножъ (m) рубильника coltello (m) dell' interruttore cuchillo (m) de interruptor
Schaltgriff (m), Ausschaltgriff (m) 4 switch handle poignée (f) d'interrupteur	d	ручка (f) *или* рукоятка (f) выключателя impugnatura (f) dell'interrutore mango (m) de interruptor
Hartgummigriff (m) 5 ebonite handle poignée (f) en ébonite		эбонитовая ручка (f); рукоятка (f) изъ твёрдой резины *или* изъ рогового каучука impugnatura (f) di ebonite mango (m) de ebonita
Kabeleinführung (f) 6 cable inlet entrée (f) de câble		вводъ (m) кабеля introduzione (f) d'un cavo introducción (f) ó entrada (f) de un cable
Einführungsisolator (m) 7 inlet insulator isolateur (m) d'entrée, tube (f) isolant		вводный изоляторъ (m) isolatore (m) d'introduzione, isolatore (m) ad imbuto *od* a pipa aislador (m) de entrada
Kabelanschluß (m) 8 cable junction jonction (f) *ou* raccord (m) de câble		присоединеніе (n) кабеля giunto (m) del cavo empalme (m) del cable
gerade Einführungstülle (f) 9 straight inlet *or* entrance pipe manchon (m) d'entrée isolant		прямая вводная трубка (f) *или* втулка (f) isolatore (m) d'introduzione diritto manguito (m) de entrada ó de introducción recto
gebogene Einführungstülle (f) 10 bent inlet *or* entrance pipe coude (m) d'entrée isolant		колѣнчатая вводная трубка (f) *или* втулка (f) isolatore (m) d introduzione curvo manguito (m) de entrada ó de introducción curvo





Fahrdrahtaufhängung (f)
suspension of contact wire
[mode (m) de] suspension (f) du fil de ligne



a

подвѣска (f) *или* подвѣшиванiе (n) рабочаго провода
sospensione (f) del filo di linea
suspensión (f) del alambre de trabajo 1

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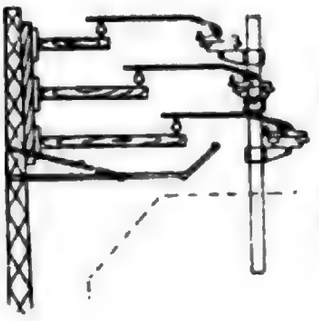
starre Aufhängung (f)
rigid suspension
suspension (f) *ou* support (m) rigide



жёсткое подвѣшиванiе (n); жёсткая подвѣска (f) 2
sospensione (f) rigida
suspensión (f) rígida

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symmetrische Aufhängung (f)
symmetrical suspension
suspension (f) symétrique

симметричное подвѣшиванiе (n); симметричная подвѣска (f) 3
sospensione (f) simmetrica
suspensión (f) simétrica

---

unsymmetrische Aufhängung (f)
unsymmetrical suspension
suspension (f) dissymétrique

несимметричное подвѣшиванiе (n); несимметричная подвѣска (f) 4
sospensione (f) asimmetrica
suspensión (f) asimétrica

---

federnd *oder* elastisch aufhängen (v)
to suspend flexibly
suspendre (v) élastiquement

подвѣ-сить (-шивать) эластично
sospendere (v) elasticamente 5
suspender (v) elásticamente

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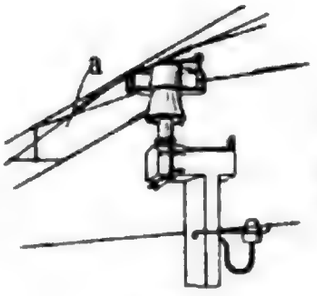
federnde *oder* elastische Aufhängung (f)
elastic suspension
suspension (f) élastique



a

пружинящая подвѣска (f)
sospensione (f) elastica 6
suspensión (f) elástica

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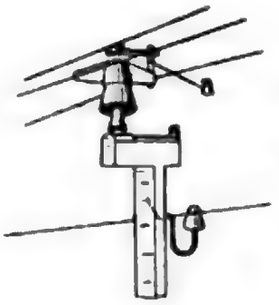
federnde Abstützung (f)
elastic support
support (m) à ressort



a

пружинящая поддержка (f)
sostegno (m) *o* sopporto (m) elastico 7
sostenimiento (m) *ó* apoyo (m) elástico

1 Doppelaufhängung (f)
double suspension
suspension (f) double

двойная подвѣска (f)
sospensione (f) doppia
suspensión (f) doble

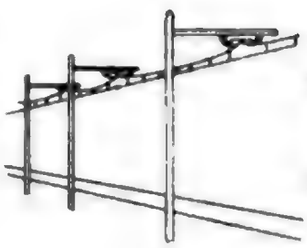
2 Sicherheitsaufhängung (f)
safety suspension
suspension (f) de sûreté

предохранительная подвѣска (f)
sospensione (f) di sicurezza
suspensión (f) de seguridad

3 Kurvenaufhängung (f)
suspension in curves
suspension (f) dans les courbes *ou* en courbe

подвѣска (f) для кривыхъ
sospensione (f) in curva
suspensión (f) en las curvas *ó* en curva

4 Fahrdrahtaufhängung mit einfacher Kette (f)
single catenary suspension
ligne (f) caténaire à un seul cable de suspension

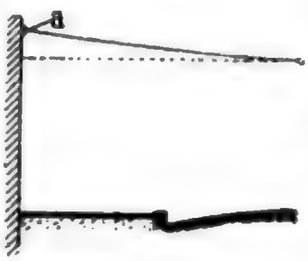


простая цѣпочечная подвѣска (f) рабочаго провода
sospensione (f) a catenaria [semplice] del filo aereo
suspensión (f) del conductor aéreo *ó* catenaria con tensor sencillo

5 Fahrdrahtaufhängung mit Doppelkette (f)
double catenary suspension
ligne (f) caténaire à deux cables de suspension

двойная цѣпочечная подвѣска (f) рабочаго провода.
sospensione (f) a catenaria doppia del filo aereo
suspensión (f) del conductor aéreo *ó* catenaria con tensor doble

6 Aufhängestelle (f), Aufhängepunkt (m)
point of suspension
point (m) de suspension



мѣсто (n) подвѣса; точка (f) подвѣски
punto (m) di sospensione
punto (m) de suspensión

a

7 Verankerung (f)
anchorage
amarrage (m), ancrage (m)

закрѣпленіе (n); анкерованіе (n)
ancoraggio (m)
amarra (f), anclaje (m)

8 Seitenschwankung (f)
side oscillation, sway
oscillation (f) latérale

боковое качаніе (n)
oscillazione (f) laterale
oscilación (f) lateral

9 Tragwerk (n), Tragsystem (n)
supporting gear
appareil (m) porteur, supports (m pl)

поддерживающая конструкція (f); система (f) поддержекъ
apparecchio (m) di sostegno, sistema (f) di sostegno
totalidad (f) de las piezas de soporte, sistema (m) de sujeción

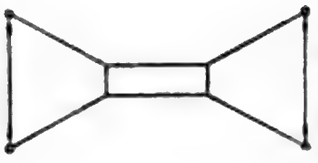
Hängewerk (n)
suspension gear
[appareil (m) de] suspension (f)

конструкція (f) подвѣсокъ
apparecchio (m) di sospensione
sistema (m) de suspensión
1

Verspannung (f)
spanning
montage (m) en courbe, haubans (m pl) en courbe, fils (m pl) d'ancrage

натяженіе (n): оттягиваніе (n)
ancoraggio (m)
montaje (m) ó tendido (m) en curva, hilos (m pl) de anclaje
2

Brückenverspannung (f)
bridge spanning
montage (m) [du fil de ligne] sur pont *ou* sur fils transversaux



система (f) оттяжекъ въ видѣ мостика
montaggio (m) a ponte
montaje (m) en puente
3

Zickzackverspannung (f)
zigzag spanning
montage (m) en zigzag

зигзагообразное расположеніе (n) провода
attacco (m) a zigzag
montaje (m) en zig-zag
4

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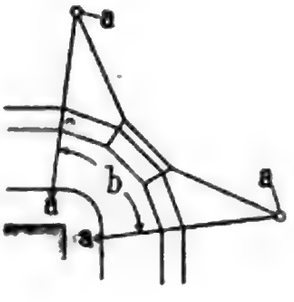
den Draht im Zickzack spannen (v)
to span *or* to string the wire in zigzag *or* staggered
monter (v) le fil en zigzag

натянуть проводъ зигзагомъ
montare (v) il filo a zigzag
montar (v) el alambre en zig-zag
5

Kurvenverspannung (f), Kurvenabspannung (f)
curve pull-off
montage (m) *ou* ancrage (m) en courbe



оттяжка (f) въ кривыхъ
montaggio (m) in curva
montaje (m) en curva
6

Kurvenabspannpunkt (m)
curve pull-off point
point (m) d'ancrage *ou* d'attache dans une courbe

a

точка (f) оттягиванія кривой
punto (m) d'attacco in curva
punto (m) de retención de una curva
7

Kurvenstrecke (f)
curved line
tronçon (m) de courbe

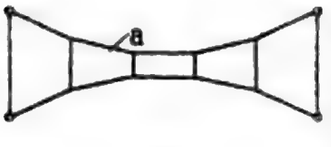
b

участокъ (m) кривой
tronco (m) in curva
trozo (m) de curva
8

Kurvenspannung (f)
stress due to curving
tension (f) en courbe

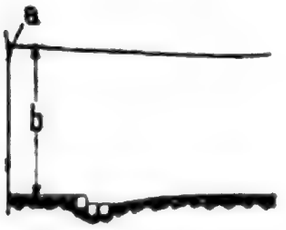
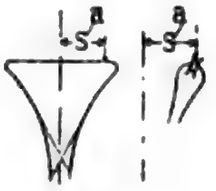
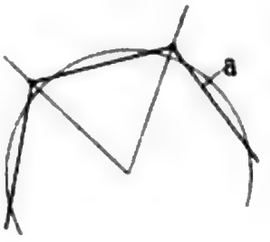
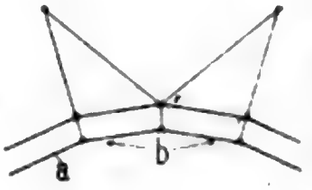
натяженіе (n) въ кривыхъ
tensione (f) in curva
tensión (f) en una curva
9

Gegenkurve (f)
counter-curve, tieing in
contre-courbe (f)

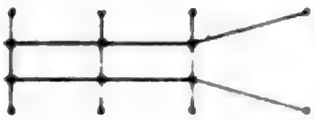


a

контръ-кривая (f); обратная кривая
controcurva (f)
contra-curva (f)
10

1	Stützpunkt (m) supporting point point (m) d'attache	 a	точка (f) опоры punto (m) d'appoggio punto (m) de sujeción
2	Stützpunkthöhe (f) height of supporting point hauteur (f) du point d'attache	b	высота (f) точки опоры altezza (f) del punto d'appoggio altura (f) del punto de sujeción
3	Seitenzug (m) side pull *or* drag traction (f) latérale		боковое натяженіе (n) trazione (f) laterale tracción (f) lateral
4	einseitiger Zug (m) one-sided pull traction (f) d'un seul côté		одностороннее натяженіе (n) trazione (f) unilaterale tracción (f) unilateral
5	die Leitung ist aufgehängt the line is suspended la canalisation est suspendue		проводъ (m) подвѣшенъ la conduttura è sospesa la línea está suspendida
6	seitliche Ausweichung (f) lateral deviation déviation (f) latérale	 a	отклоненіе (n) въ сторону deviazione (f) laterale desviación (f) lateral
7	Fahrdrahtkurve (f) contact wire curve courbe (f) du fil de ligne		закругленіе (n) рабочаго провода curva (f) del filo di servizio curva (f) del conductor de trabajo
8	Fahrdrahtsehne (f) contact wire chord corde (f) (géométrique) du fil de ligne	a	хорда (f) рабочаго провода corda (f) del filo di servizio cuerda (f) del alambre de trabajo
9	Fahrdrahtpolygon (n) contact wire polygon polygone (m) du fil de ligne		многоугольникъ (m) рабочаго провода poligono (m) del filo di linea poligono (m) del conductor de trabajo
10	Polygonnetz (n) polygonal network réseau (m) polygonal	a	сѣть (f) многоугольника rete (f) poligonale red (f) poligonal
11	Polygonwinkel (m) angle of polygon angle (m) de polygone	b	уголъ (m) многоугольника angolo (m) del poligono ángulo (m) del poligono

Endabspannung (f)
terminal span
ancrage (m) *ou* amarrage (m) à l'extrémité



концевое закрѣпленіе (n) линіи
ancoraggio (m) d'estremità
amarra (f) de extremidad, retención (f) terminal

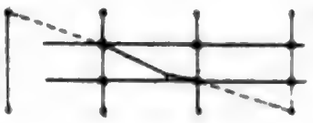
1

Abspannung (f) am Streckenisolator
section insulator span
ancrage (m) *ou* amarrage (m) à l'isolateur de section

закрѣпленіе (n) на участковомъ изоляторѣ
ancoraggio (m) all'isolatore di sezione
amarra (f) al aislador de sección

2

Weichenabspannung (f)
switch span
ancrage (m) *ou* amarrage (m) de changement de voie



закрѣпленіе(n)стрѣлки
ancoraggio (m) dello scambio
amarra (f) de aguja

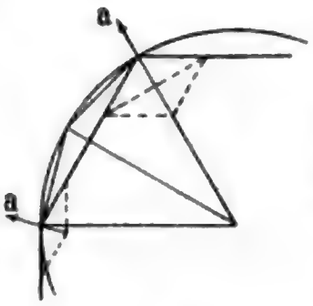
3

Drahtzug (m), Drahtspannung (f)
pull of wire
traction (f) du fil *ou* exercée par le fil, tension (f) du fil

натяженіе (n) провода
tensione (f) nel filo
tracción (f) ejercida por el alambre, tensión (f) del hilo

4

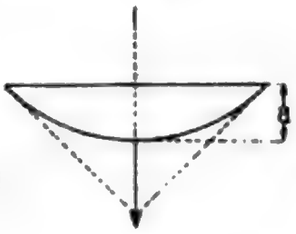
Kurvenzug (m)
pull at curves
tension (f) *ou* traction (f) en courbe



натяженіе (n) въ кривыхъ
tensione (f) in curva
tracción (f) ó tensión (f) en la curva

5

Durchhang (m)
sag
flèche (f)



провѣсъ (m); стрѣлка (f) провѣса
freccia (f)
flecha (f), pandeo (m)

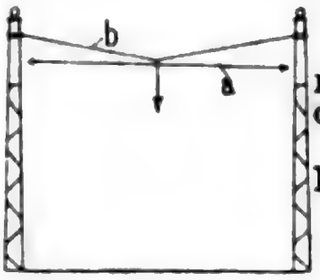
6

Überhöhung (f)
superelevation
surhaussement (m)

возвышеніе (n) надъ ...
sopraelevazione (f)
peralte (m)

7

Spannweite (f)
width of span
portée (f), distance (f) entre points d'appui



пролётъ (m)
distanza (f) orizzontale degli attacchi
luz (f), distancia (f) entre puntos de apoyo, vano (m)

8

1 Spanndraht (m)
span wire
fil (m) tendeur

b

поперечная подвѣсная проволока (f)
filo (m) tenditore
alambre (m) tensor

2 Abspanndraht (m)
anchoring wire
fil (m) d'amarrage

оттяжка (f)
filo (m) d'ancoraggio
alambre (m) de retención *ó* de amarra

3 Spannseil (n)
span rope
câble (m) tendeur

оттяжной тросъ (m)
corda (f) tenditrice *o* per tendere
cable (m) tensor

4 Abspannseil (n)
anchoring rope
câble (m) d'amarrage

подвѣсной тросъ (m)
corda (f) d'ancoraggio
cable (m) de retención *ó* de amarra

5 Fahrdrahthöhe (f)
height of contact wire above ground, distance from trolley wire to head of rails
hauteur (f) du fil de ligne

a

высота (f) рабочаго провода
altezza (f) del filo di linea
altura (f) del alambre de trabajo

6 Aufhängedraht (m)
suspension wire
fil (m) de suspension

подвѣсная проволока (f)
filo (m) di sospensione
alambre (m) de suspensión

7 Tragdraht (m)
carrying wire
fil (m) porteur

поддерживающая проволока (f)
filo (m) portante
alambre (m) de soporte

8 den Draht nachspannen (v)
to adjust *or* stretch the wire
retendre (v) le fil

подтя-нуть (-гивать) проволоку
tendere (v) il filo di nuovo
retemplar (v) *ó* tensar (v) el alambre

9 Längsdraht (m)
longitudinal wire
fil (m) longitudinal

a

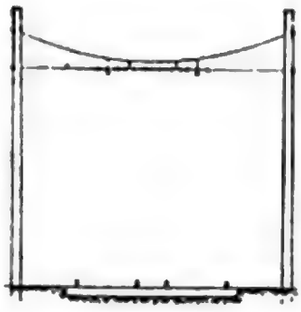
продольная проволока (f)
filo (m) longitudinale
alambre (m) longitudinal

10 Querdraht (m)
cross-wire
fil (m) transversal

b

поперечная проволока (f)
filo (m) trasversale
alambre (m) transversal

11 Queraufhängung (f)
cross suspension
suspension (f) transversale



поперечная подвѣска (f)
sospensione (f) trasversale
suspensión (f) transversal

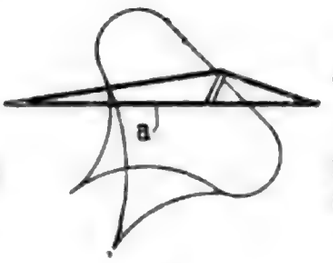
12 Querseil (n)
cross-rope
câble (m) transversal

поперечный тросъ (m)
corda (f) trasversale
cable (m) transversal

Querdrahtbefestigung (f)
cross-wire fixing
fixation (f) du fil transversal

укрѣпленіе (n) поперечной подвѣски
attacco (m) del filo trasversale
sujeción (f) del alambre transversal
1

Zusatzdraht (m)
additional wire
fil (m) additionnel *ou* supplémentaire



a

добавочный *или* дополнительный проводъ (m)
filo (m) ausiliario
alambre (m) adicional *ó* suplementario
2

Verankerungsdraht (m), Hilfsdraht (m)
anchoring wire
fil (m) d'amarrage *ou* d'ancrage, hauban (m)

оттяжка (f) на закрѣпленіи
filo (m) d'ancoraggio
alambre (m) de retención *ó* de amarra
3

Stahldrahtseil (n)
steel-wire rope
câble (m) en fil d'acier

стальной тросъ (m)
corda (f) d'acciaio
cable (m) [de alambre] de acero
4

---

verzinkter Stahldraht (m)
galvanised steel wire
fil (m) d'acier galvanisé

оцинкованная стальная проволока (f)
filo (m) d'acciaio zincato
alambre (m) de acero galvanizado
5

---

den Zug aufnehmen (v)
to take up the tensile stress
subir (v) la traction

принимать натяженіе
essere sottoposto ad un carico di trazione
soportar (v) la tracción
6

Nachgiebigkeit (f) des Spanndrahtes
flexibility of the span wire
flexibilité (f) du fil tendeur

упругость (f) оттяжки
flessibilità (f) del filo trasversale
elasticidad (f) del alambre tensor
7

---

einseitige Befestigung (f)
side support
fixation (f) d'un coté

одностороннее укрѣпленіе (n)
attacco (m) unilaterale
fijación (f) unilateral
8

Abspannmaterial (n)
span material
matériel (m) d'amarrage (des fils de soulagement) *ou* d'ancrage

матеріалъ (m) для оттяжекъ
materiale (m) d'attacco
material (m) de retención *ó* de amarra
9

1 Wandrosette (f), Mauerrosette (f)
(ornamental) wall rosette
rosace (f) murale *ou* de paroi

стѣнная розетка (f)
rosetta (f) murale
roseta (f) mural *ó* de pared

---

2 Mauerplatte (f), Wandplatte (f)
wall plate
plaque (f) murale

плита (f) для каменныхъ стѣнъ; стѣнная плита (f)
piastra (f) murale *o* da parete
placa (f) mural, placa (f) de pared

---

3 Maueröse (f), Wandöse (f)
wall eye
œillet (m) *ou* piton (m) mural à scellement

стѣнное ушко (n); заершённый штырь (m) съ ушкомъ
occhiello (m) murale
ojete (m) mural

---

4 Mauerverschraubung (f)
fixing to the wall by means of screw
vissage (m) dans une paroi

закрѣпленіе (n) въ каменной стѣнѣ
attacco (m) murale a vite
atornillamiento (m) *ó* roscado (m) en la pared

---

5 Rosettenhaken (m)
rosette hook
crochet (m) de rosace

крючокъ (m) розетки
gancio (m) della rosetta
gancho (m) de roseta

---

6 Keilhaken (m)
wedge hook
crochet (m) à écrou de serrage conique *ou* à coin de serrage

стѣнной крюкъ (m)
gancio (m) a cuneo
gancho (m) con chaveta *ó* con cuña

---

7 Keilverschraubung (f)
fastening by means of wedge-bolt
vissage (m) par écrou de serrage conique

скрѣпленіе (n) клиновымъ болтомъ
attacco (m) con vite a cuneo
recibido (m) á cono roscado

---

8 Steinschraube (f)
rag-bolt
boulon (m) de scellement

анкерный болтъ (m); стѣнной болтъ
bullone (m) a mazzetta
tornillo (m) *ó* perno (m) para [empotrar en la] piedra

---

9 Keilschraube (f)
wedge bolt
vis (f) à coin de serrage

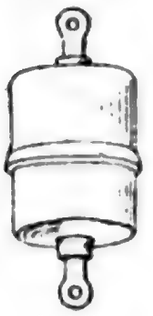
клиновой болтъ (m)
vite (f) a cuneo
tornillo (m) de chaveta

---

10 Spiraldübel (m)
spiral dowel
goujon (m) à spirale

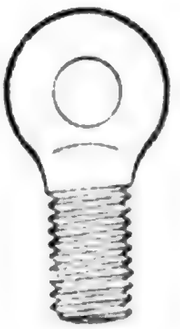
спиральный закрѣпъ (m) *или* дюбель (m); спиральная пробка (f)
caviglia (f) a spirale
tarugo (m) helicoidal

Schalldämpfer (m)
sound damper
sourdine (f)



шумо[за]глушитель (m)
sordina (f), smorzatore (m) di vibrazioni
sordina (f)
1

Ösenschraube (f)
eye bolt
tige (f) à œillet, piton (m)



винтъ (m) съ петлёй *или* съ ушкомъ
vite (f) ad occhiello
tornillo (m) con ojete, anilla (f) roscada
2

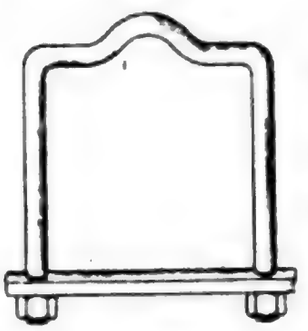
Mastschelle (f)
pole strap
collier (m) de mât

кольцо (n) *или* хомутъ (m) для столбовъ; мачтовый хомутъ
collare (m) per palo
collar (m) de poste
3

Rohrmastschelle (f)
tubular-pole strap
collier (m) de mât tubulaire

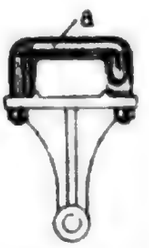
кольцо (n) для трубчатаго столба
collare (m) per palo tubolare
collar (m) para poste tubular
4

Gittermastschelle (f)
lattice pole strap
collier (m) *ou* bride (f) pour pylône *ou* mât en treilles



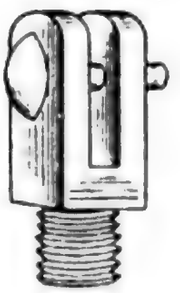
хомутъ (m) для рѣшетчатаго столба
collare (m) per palo a traliccio
collar (m) para poste de celosia
5

Druckbügel (m)
clamping stirrup
étrier (m) de serrage



нажимная дуга (f)
staffa (f) di pressione
estribo (m) de presión
6

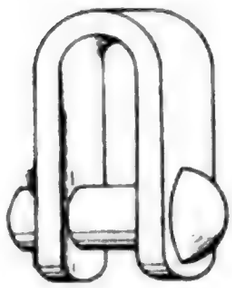
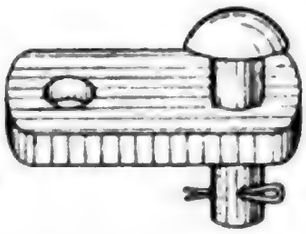
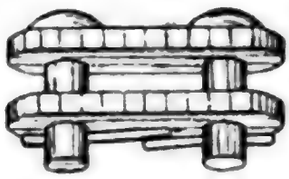
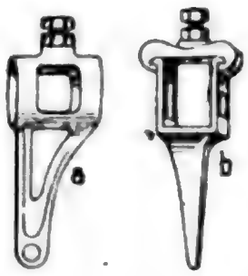
Gabelschraube (f)
shackle stud
tige (f) à fourche *ou* à chape



вилочный винтъ (m); вилка (f)
vite (f) a forcella
tornillo (m) de horquilla
7

Gabelbolzen (m)
shackle bolt
boulon (m) à fourche *ou* à chape

вилочный болтъ (m); болтъ съ вилкою
bullone (m) a forcella
perno (m) con horquilla
8

Befestigungsbügel (m) 1 shackle étrier (m) *ou* chape (f) de fixation		хомутикъ (m) для укрѣпленія staffetta (f) di attacco estribo (m) de sujeción
einfache Verbindungslasche (f) 2 simple junction plate éclisse (f) *ou* platine (f) d'assemblage simple		простой соединительный зажимъ (m) piastrina (f) d'unione semplice brida (f) de empalme ó eclisa (f) sencilla
doppelte Verbindungslasche (f) 3 double junction plate bride (f) *ou* éclisse (f) d'assemblage double		двойной соединительный зажимъ (m) piastrina (f) d'unione doppia brida (f) de empalme ó eclisa (f) doble
Isolatorhalter (m) 4 insulator holder porte-isolateur (m)		держатель (m) для изолятора braccetto (m) di sospensione per mensola porta-aislador (m)
geschlossener Isolatorhalter (m) 5 closed insulator holder porte-isolateur (m) fermé	a	закрытый держатель (m) для изолятора braccetto (m) chiuso porta-aislador (m) cerrado
offener Isolatorhalter (m) 6 open insulator holder porte-isolateur (m) ouvert	b	открытый держатель (m) для изолятора braccetto (m) aperto porta-aislador (m) abierto
Drahthalter (m) 7 wire holder *or* sleeve porte-fil (m)		приспособленіе (n) для поддержки проволоки portafilo (m) porta-alambre (m)
Verankerungsisolator (m) 8 strain insulator isolateur (m) d'ancrage		оттяжной изоляторъ (m) isolatore (m) d'ancoraggio aislador (m) de anclaje ó de amarra
Spanndrahtisolator (m) 9 span-wire insulator isolateur (m) de fil tendeur		натяжной изоляторъ (m) isolatore (m) per filo tenditore aislador (m) para alambre tensor

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Abspanndrahtisolator (m)
anchor-wire insulator
isolateur (m) de fil d'amarrage

изоляторъ (m) для оттяжекъ
isolatore (m) per filo d'attacco
aislador (m) para alambre de amarra
1

Zugisolator (m)
strain insulator
isolateur (m) tendeur

тяговый изоляторъ (m)
isolatore (m) per tensione
aislador (m) tensor
2

Kegelisolator (m)
cone insulator
isolateur (m) conique

коническій *или* конусообразный изоляторъ (m)
isolatore (m) conico
aislador (m) cónico
3

Kugelisolator (m)
globe insulator
isolateur (m) à boule, boule (f) isolante

a

шаровой *или* сферическій изоляторъ (m)
isolatore (m) a palla *o* isolante
aislador (m) esférico *ó* de bola
4

Schnallenisolator (m)
buckle insulator
isolateur (m) à maillon

пряжечный изоляторъ (m)
isolatore (m) a fibbia
aislador (m) de hebilla
5

Doppelschnallenisolator (m)
double buckle insulator
isolateur (m) double à maillon

двойной пряжечный изоляторъ (m)
isolatore (m) a doppia fibbia
aislador (m) doble de hebilla
6

Stabisolator (m)
rod-insulator
isolateur (m) à tige

стержневой изоляторъ (m)
bacchetta (f) isolante
aislador (m) de vástago
7

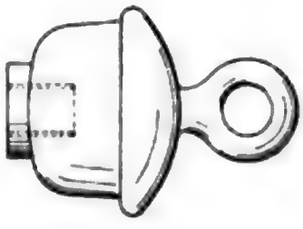
Holzstabisolator (m)
wooden rod insulator
isolateur (m) à tige de bois

деревянный изоляторъ (m) въ видѣ стержня
isolatore (m) [ad asta] di legno
aislador (m) de vástago de madera
8

Zwischenisolator (m)
intermediate insulator
isolateur (m) intermédiaire

промежуточный изоляторъ (m)
isolatore (m) intermedio
aislador (m) intermedio
9

Nußisolator (m)
nut insulator
isolateur (m) à noix



изоляторъ (m) въ видѣ орѣха
isolatore (m) a noce
aislador (m) de nuez
10

Porzellannuß (f)
porcelain nut
noix (f) en porcelaine

фарфоровый орѣхъ (m)
noce (f) di porcellana
nuez (f) de porcelana
11

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Oberflächenisolationsweg (m)
1 surface insulation path
longueur (f) d'isolement à la surface

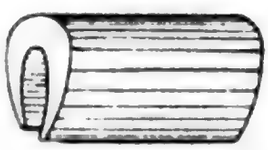
путь (m) тока по поверхности изоляции
tratto (m) isolante superficiale
camino (m) de aislamiento superficial

---

fehlerhafter Isolator (m)
2 faulty insulator
isolateur (m) défectueux

повреждённый изоляторъ (m)
isolatore (m) difettoso
aislador (m) defectuoso

Sicherungsklemme (f)
3 safety clamp
pince (f) de sûreté

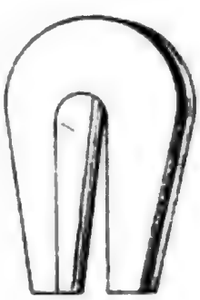


предохранительный зажимъ (m)
morsetto (m) di sicurezza
pinza (f) de seguridad

Schließungsklemme (f)
4 closing clamp
attache (f) isolante

замыкающій зажимъ (m)
morsetto (m) di chiusura
pinza (f) de cierre

Drahtschoner (m)
wire protector
5 protecteur (m) de fil
œillet (m) de protection

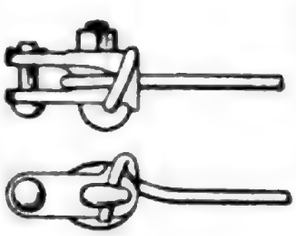


защита (f) проводовъ
proteggifilo (m)
protector (m) de alambre

Endklemme (f)
6 terminal clamp
pince (f) d'extrémité

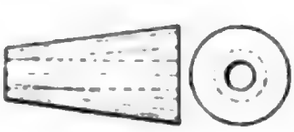
концевой зажимъ (m)
morsetto (m) d'estremità
pinza (f) terminal

Drahtklemme (f)
7 wire clamp
borne (f), serre-fil (m)



зажимъ (m) для проводовъ
morsetto (m), serrafilo (m)
borna (f) ó pinza (f) para alambre

Klemmkegel (m)
8 cone clamp
cône (m) de serrage



конусный зажимъ (m)
cono (m) di attacco
cono (m) de presión ó de amarra

Gabelöse (f)
9 forked eye
œil (m) de fourche

вилка (f)
occhiello (m) della forcella
ojo (m) de horquilla, anilla (f)

a

Luftring (m), Spanndrahtkupplungsring (m) coupling ring anneau (m) de fil aérien	воздушное кольцо (n) anello (m) di giunzione aereo anillo (m) aéreo	1
Stellring (m) adjusting ring collier (m) ajustable	установочное кольцо (n) collare (m) d'arresto anillo (m) de ajuste	2
Zugring (m) strain ring bague (f) *ou* anneau (m) *ou* collier (m) de traction	оттяжное кольцо (n) anello (m) di trazione anillo (m) de tracción	3
Spannvorrichtung (f), Nachspannvorrichtung (f) turnbuckle tendeur (m)	натяжное приспособленіе (n); стяжная муфта (f) tenditore (m), apparecchio (m) per tendere tensor (m), templador (m)	4
Spannschraube (f) turnbuckle-screw tendeur (f) à vis	натяжной винтъ (m) vite (f) di tensione tornillo (m) tensor, templador (m) de tornillo	5
nicht isolierte Spannvorrichtung (f) uninsulated turnbuckle [appareil (m)] tendeur non isolé	неизолированное натяжное приспособленіе (n); неизолированная стяжная муфта (f) dispositivo (m) non isolato per tendere tensor (m) *ó* templador (m) no aislado	6
isolierte Spannvorrichtung (f), Wirbelisolator (m) insulated turnbuckle [appareil (m)] tendeur isolé	изолированное натяжное приспособленіе (n) dispositivo (m) isolato per tendere tensor (m) *ó* templador (m) aislado	7
Weitspanner (m) long distance adjusting *or* stretching device tendeur (m) pour grande distance	натяжное приспособленіе (n) для большихъ разстояній tenditore (m) per grandi distanze tensor (m) para gran distancia	8

1 Vielfachaufhängung (f)
catenary suspension
suspension (f) multiple

многократная подвѣска (f)
sospensione (f) multipla
suspensión (f) múltiple

---

2 Kettenaufhängung (f)
catenary suspension
suspension (f) caténaire

цѣпочечная подвѣска (f)
catena (f) di sospensione
suspensión (f) catenaria

---

3 Kette (f)
catenary wire
chaîne (f), fil (m) caténaire

цѣпочечный проводъ (m)
catena (f)
cadena (f), hilo (m) catenario

---

4 Querträger (m) für Kettenaufhängung
gantry
console (f) *ou* bras (m) *ou* support (m) transversal pour suspension caténaire

кронштейнъ (m) для цѣпочечной подвѣски
traversa (f) per catena di sospensione
consola (f), brazo (m) *ó* soporte (m) transversal para suspensión catenaria

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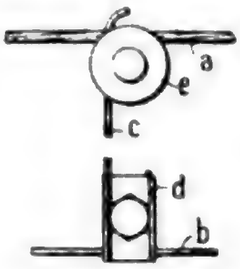
5 Tragseil (n)
messenger cable
câble (m) porteur



a

поддерживающій тросъ (m)
corda (f) portante
cable (m) de suspensión

---

6 Hängedraht (m)
suspension wire
fil (m) de suspension

c

подвѣсная проволока (f)
filo (m) di sospensione
alambre (m) de suspensión

---

7 Hängedrahtklemme (f)
lower suspension wire clamp
pince (f) du fil de suspension

d

зажимъ (m) для подвѣсной проволоки
morsetto (m) inferiore del filo di sospensione
pinza (f) *ó* mordaza (f) del alambre de suspensión

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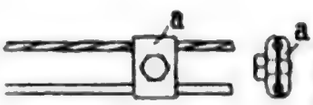
8 Mittelklemme (f)
suspension clamp for middle of span
pince (f) médiane *ou* du milieu

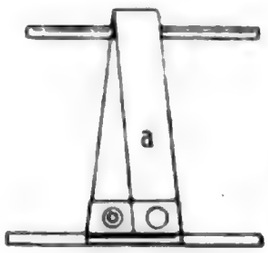


a

средній зажимъ (m)
morsetto (m) di mezzo
pinza (f) *ó* mordaza (f) media

---

9 bewegliche Fahrdrahtklammer (f)
movable contact-wire suspension-piece
agrafe (f) libre du fil de ligne



a

подвижной зажимъ (m) для рабочаго провода
griffa (f) mobile pel filo di linea
grapa (f) móvil para el alambre de trabajo

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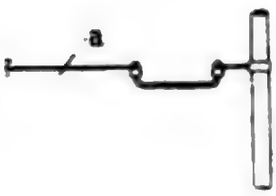
seitliche Absteifung (f) des Fahrdrahtes
lateral securing of the contact wire, steady brace
étayement (m) *ou* ancrage (m) latéral du fil de ligne



боковое крѣпленіе (n) рабочаго провода
ancoraggio (m) laterale del filo di linea
arriostrado (m) lateral del alambre

1

---

gegen seitliches Verschieben sichern (v)
to secure against lateral displacement
protéger (v) *ou* garantir (v) contre le déplacement latéral

предохранить отъ сдвиганія въ сторону *или* отъ бокового сдвига
assicurare (v) contro lo spostamento laterale
asegurar (v) contra el deslizamiento lateral, impedir (v) el deslizamiento lateral

2

Tragseilführung (f)
stringing of messenger cable
guide-support (m) du câble porteur

направляющая (f) поддерживающаго тросса
guida (f) della corda portante
guía (f) del cable de suspensión

3

Tragseilisolator (m)
insulator for messenger cable
isolateur (m) de câble porteur

изоляторъ (m) поддерживающаго тросса
isolatore (m) per corda portante
aislador (m) de cable de suspensión

4

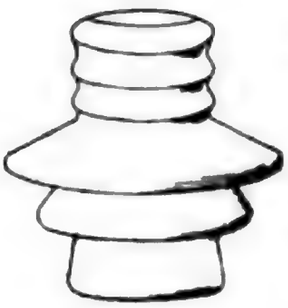
Tragseilisolatorbock (m)
support for messenger cable insulator
chevalet (m) d'isolateur du câble porteur

a

стойка (f) изолятора для поддерживающаго тросса
cavalletto (m) porta-isolatore
caballete (m) para aislador de cable de suspensión

5

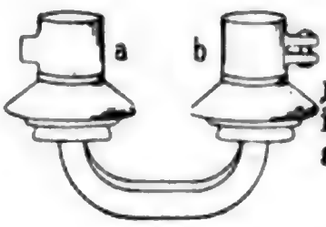
Porzellanglocke (f)
porcelain cup *or* petticoat insulator
cloche (f) en porcelaine



фарфоровый изоляторъ (m)
campana (f) di porcellana, isolatore (m) a campana
campana (f) de porcelana

6

Doppelisolator (m)
double insulator
isolateur (m) double, isolateurs (m pl) jumeaux



двойной изоляторъ (m)
isolatore (m) doppio
aislador (f) doble

7

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1	aufgekittete Kappe (f) cemented cap chapeau (m) mastiqué *ou* fixé au mastic		крышка (f), вмазанная замазкой cappello (m) fissato con mastice sombrerete (m) fijado con mástic
2	Kappe (f) mit Gewindestutzen cap with nipple chapeau (m) à tubulure filetée	a	крышка (f) съ патрубкомъ съ нарѣзкой cappello (m) filettato sombrerete (m) con tubuladura roscada
3	Kappe (f) mit wagerechter Gabel cap with horizontal fork chapeau (m) avec fourche horizontale	b	крышка (f) съ горизонтальной вилкой cappello (m) con forcella orizzontale sombrerete (m) con horquilla horizontal
4	Kappe (f) mit wagerechtem Auge cap with horizontal lug chapeau (m) avec oreille horizontale		крышка (f) съ горизонтальнымъ глазомъ cappello (m) con occhiello orizzontale sombrerete (m) con oreja horizontal
5	Kappe (f) mit senkrechtem Auge cap with vertical lug chapeau (m) avec oreille verticale		крышка (f) съ вертикальнымъ глазомъ cappello (m) con occhiello verticale sombrerete (m) con oreja vertical
6	Kappe (f) mit senkrechter Gabel cap with vertical fork chapeau (m) à fourche verticale		крышка (f) съ вертикальной вилкой cappello (m) con forcella verticale sombrerete (m) con horquilla vertical
7	Leitungsgestänge (n) line poles poteau (m) de ligne		линейный столбъ (m); столбъ съ проводами palo (m) per condutture postes (m pl) para lineas *ó* conductores
8	Fahrdrahtgestänge (n) poles for contact wire poteaux (m pl) du fil de ligne		столбы (m pl) для рабочаго провода pali (m pl) di sostegno del filo di linea postes (m pl) del conductor aéreo

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Mast (m), Bahnmast (m)
pole, mast, post, railway pole
poteau (m), mât (m) de ligne (électrique), poteau (m) de ligne (électrique)

столбъ (m)
palo (m), palo (m) da ferrovia
poste (m), poste (m) de ferrocarril (eléctrico) *1*

Leitungsmast (m), Leitungspfahl (m)
pole for aerial lines
poteau (m) de conducteur *ou* de canalisation électrique

столбъ (m) для проводовъ
palo (m) per conduttura
poste (m) para línea aérea *2*

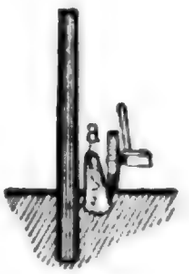
Abspannmast (m)
span-pole
mât (m) *ou* poteau (m) d'ancrage *ou* d'amarrage

оттяжной столбъ (m)
palo (m) di ritegno
poste (m) de retención *ó* de ancoraje *3*

Tragmast (m)
supporting pole
mât (m) *ou* poteau (m) porteur

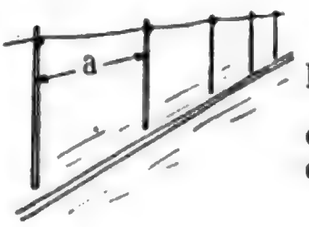
поддерживающій столбъ (m)
palo (m) portante
poste (m) de sostén *ó* de soporte *4*

Radabweiser (m), Prellbock (m)
curbstone, kerbstone
garde-roue (m)



тумба (f)
paracarro (m)
guardacantón (m), salvaruedas (m) *5*

Mastentfernung (f)
distance *or* span between poles
écartement (m) des poteaux, distance (f) entre les poteaux, espacement (m) des poteaux



a

разстояніе (n) между столбами
campata (f), tesata (f)
distancia (f) de los postes, vano (m) *6*

---

den Mast setzen (v)
to set a pole
planter (v) *ou* dresser (v) le poteau *ou* le mât

поставить столбъ
piantare (v) il palo
plantar *ó* levantar (v) el poste *7*

---

den Mast aufstellen (v)
to erect a pole
monter (v) le poteau

установить (устанавливать) *или* монтировать столбъ
montare (v) il palo
erigir (v) *ó* montar (v) el poste *8*

Holzmast (m)
wooden pole
poteau (m) en bois

деревянный столбъ (m)
palo (m) in legno
poste (m) de madera *9*

1	Mastschaft (m) shaft of pole fût (m) du poteau	тѣло (n) столба fusto (m) del palo cuerpo (m) del poste
2	Mastfuß (m) foot of pole pied (m) *ou* gros (adj) bout *ou* base (f) *ou* socle (m) du poteau	основаніе (n) столба piede (m) del palo pie (m) del poste
3	Zopfende (n), Mastzopf (m) top end, small end of pole sommet (m) *ou* tête (f) *ou* petit (adj) bout du poteau	вершина (f) testa (f) del palo punta (f) del poste,
4	Zopfstärke (f) tickness *or* diameter of pole at the top grosseur (f) du poteau à la tête	толщина (f) вершины столба diametro (m) in testa del palo espesor (m) del poste en la punta
5	Stammende (n) butt end (of a pole) gros (adj) bout *ou* extrémité (f) inférieure *ou* pied (m) de poteau *ou* de tronc d'arbre	комель (m); нижій конецъ (m) столба piede (m) del palo extremo (m) inferior *ó* pie (m) del poste
6	Mastachse (f) axis of pole axe (m) du poteau	ось (f) столба asse (m) del palo eje (m) del poste
7	Fußstärke (f) thickness *or* diameter at bottom épaisseur (m) du pied	ширина (f) основанія diametro (m) al piede espesor (m) del pie *ó* en la base
8	imprägnierter Mast (m) impregnated pole poteau (m) imprégné *ou* injecté	пропитанный деревянный столбъ (m) palo (m) iniettato *od* impregnato poste (m) inyectado *ó* impregnado
9	den Mast einschottern (v) to set the pole in broken stones finer (v) le pied du poteau au moyen de pierres	засыпать щебнемъ столбъ consolidare (v) il palo con ghiaia asentar (v) *ó* fijar (v) con piedra menuda el poste
10	den Mast einbetonieren (v) to set the pole in concrete sceller (v) le poteau dans un bloc de béton	забетонировать столбъ consolidare (v) il palo con calcestruzzo assegurar (v) con hormigón el poste

a

b

a

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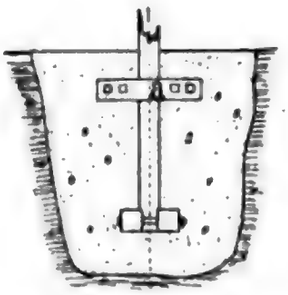
Beständigkeit (f) des Mastes durability of the pole durée (f) du poteau	продолжительность (f) службы столба durata (f) del palo duración (f) del poste	1
ankohlen (v) to char flamber (v); carboniser (v) superficiellement	обугли-ть (-вать) carbonizzare (v) carbonizar (v) superficialmente	2
asphaltieren (v) to asphalt asphalter (v)	асфальтировать asfaltare (v) asfaltar (v)	3
teeren (v) to tar goudronner (v)	просмолить, осмолить; покры-ть (-вать) смолой incatramare (v) alquitranar (v)	4
der Mast fault [ab] the pole rots le poteau pourrit	столбъ (m) подгниваетъ il palo marcisce el poste se pudre	5
Querriegel (m) cross-piece traverse (f)	горизонтальная поперечина (f) traversa (f) traviesa (f)	6
Rohrmast (m) tubular pole poteau (m) tubulaire *ou* creux	трубчатый столбъ (m) palo (m) tubolare poste (m) tubular	7
Mannesmannröhrenmast (m) Mannesmann pole poteau (m) [en tube] Mannesmann	столбъ (m) изъ трубъ Маннесмана palo (m) tubolare Mannesmann *o* palo (m) Mannesmann poste (m) de tubo Mannesmann	8
Rohrmast (m) mit geschweißter Längsnaht tubular pole with welded longitudinal seam poteau (m) en tubes à soudure longitudinale	столбъ (m) съ продольнымъ сварнымъ швомъ palo (m) a tubi saldati longitudinalmente poste (m) tubular con costura soldada longitudinal	9
Stahlrohrmast (m) steel tubular pole poteau (m) en tubes d'acier	столбъ (m) изъ стальныхъ трубъ palo(m)in tubi d'acciaio poste (m) tubular de acero	10



a

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1	Rohrmast (m) mit Längsrippen pole tubular with longitudinal ribs poteau (m) en tubes avec nervures longitudinales	столбъ (m) съ продольными рёбрами palo (m) in tubi d'acciaio senza saldatura con nervature longitudinali poste (m) tubular con nervios longitudinales
2	spiralgeschweißter Rohrmast (m) pole of spirally welded tubes poteau (m) en tubes soudés en hélice	столбъ (m) изъ спиральносварныхъ трубъ palo (m) a tubi saldati ad elica *ó* a saldatura elicoidale poste (m) de tubos soldados en espiral
3	dreiteiliger Stahlrohrmast (m) three-part steel-tube pole poteau (m) tubulaire d'acier en trois parties	стальной трубчатый столбъ (m), состоящій изъ трёхъ частей palo (m) tubolare d'acciaio in tre pezzi poste (m) tubular de acero de tres piezas
4	Mastarmatur (f) pole fittings garnitures (f pl) de poteau	арматура (f) столба guarnizione (f) del palo guarniciones (f pl) *ó* accesorios (m pl) del poste
5	Holzpfropfen (m) wooden plug bouchon (m) *ou* tampon (m) en bois	деревянная пробка (f) tappo (m) di legno tapón (m) de madera
6	Mastabsatz (m) shoulder recoupement (m) de poteau	выступъ (m) столба risega (f) del palo resalto (m) del poste
7	Abschlußring (m) end ring collier (m) de fermeture	закрывающее кольцо (n) anello (m) di chiusura anillo (m) *ó* collar (m) de cierre
8	Mastkopf (m) head of pole tête (f) *ou* chapiteau (m) de poteau	верхушка (f) *или* головка (f) столба capitello (m) del palo capitel (m) de poste
9	Mastspitze (f) top of pole pointe (f) de poteau	острie (n) столба punta (f) del palo punta (f) del poste
10	Kugelknopf (m) ball head *or* finial chapiteau (m) à boule	сферическая верхушка (f); головка (f) въ видѣ шарика capitello (m) a sfera capitel (m) de bola

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Mastkappe (f)
pole bonnet *or* cap
chapeau (m) de poteau

колпакъ (m) на столбъ
cappello (m), tettuccio (m) del palo
cubierta (f) *ó* sombrerete (m) del poste *1*

Bischofstab (m)
crosier-shaped support
crosse (f)

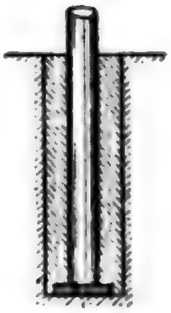
верхушка (f) въ видѣ архіерейскаго посоха
pastorale (m)
báculo (m) pastoral *2*

Mastfußplatte (f)
foot-plate of pole
plaque (f) d'assise du poteau

a

основная плита (f) столба
piastra (f) di base del palo
placa (f) de asiento *ó* de base del poste *3*

Mastgründung (f), Mastfundierung (f)
foundation of pole
fondation (f) du poteau



фундаментъ (m) столба
fondazione (f) del palo
fundación (f) *ó* cimentación (f) del poste *4*

Gittermast (m)
lattice pole
pylône (m), poteau (m) *ou* mât (m) en treillis

рѣшетчатый столбъ (m)
palo (m) a traliccio
poste (m) de celosía *5*

---

der Mast rostet [ab]
the pole rusts
le poteau se rouille

столбъ (m) ржавѣетъ
il palo irrugginisce
el poste se corroe *ó* se oxida *6*

Zementmast (m)
concrete pole
poteau (m) en ciment armé

цементный столбъ (m)
palo (m) in cemento
poste (m) de cemento armado *7*

Auslegermast (m)
bracket pole, pole with bracket
poteau (m) *ou* mât (m) à console *ou* à potence *ou* à flèche

a

столбъ (m) съ кронштейномъ
palo (m) a mensola
columna (f) con consola *ó* con brazo *8*

1	Ausleger (m) bracket bras (m) *ou* flèche (f), console (f)	b	кронштейнъ (m) mensola (f) consola (f), brazo (m)
2	Auslegerohr (n) bracket tube console (f) tubulaire	c	труба (f) кронштейна tubo (m) della mensola tubo (m) de consola
3	Ausladung (f) length of bracket saillie (f)	d	вылетъ (m) aggetto (m) salida (f), portada (f)
4	Auslegerstütze (f) bracket support, brace contrefiche (f) de console, jambe (f) de force de console	e	подпора (f) кронштейна contraffisso (m) della mensola puntal (m) de consola, tornapunta (f)
5	Zugstange (f) tie rod tirant (m)	g	тяга (f) tirante (m) tirante (m), varilla (f) de tracción
6	Rohrstummel (m) stub end of tube tronçon (m) de tube, bout (m) de tube	h	отрѣзокъ (m) трубы pezzo (m) di tubo trozo (m) ó muñón (m) de tubo
7	starrer Ausleger (m) rigid bracket console (f) rigide		жёсткій кронштейнъ (m) mensola (f) rigida consola (f) rígida, brazo (m) rígido
8	einarmiger Auslegermast (m) single-bracket pole poteau (m) à un bras		столбъ (m) съ однимъ кронштейномъ palo (m) a mensola semplice poste (m) de un brazo
9	zweiarmiger Auslegermast (m) double-bracket pole poteau (m) à deux bras		столбъ (m) съ двумя кронштейнами palo (m) a mensola doppia poste (m) de dos brazos
10	Doppelmast (m) double pole poteau (m) double, poteaux (m pl) jumelés		сдвоенный столбъ (m) palo (m) doppio poste (m) doble, postes (m pl) gemelos

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Stromzuführung (f) durch eine dritte Schiene
current supply by third rail
retour (m) du courant par un troisième rail

подводъ (m) тока по третьему рельсу; подача (f) тока посредствомъ третьяго рельса
condotta (f) di corrente a terza rotaia
conducción (f) de corriente por tercer carril 1

Leitungsschiene (f), dritte Schiene (f)
third rail, contact rail
rail (m) conducteur

контактный рельсъ (m)
terza rotaia (f)
carril (m) conductor 2

Isolierung (f) der Schiene
insulation of the third rail
isolement (m) du rail conducteur

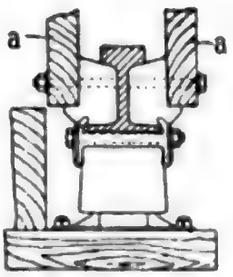
изолировка (f) рельса
isolamento (m) della rotaia
aislamiento (m) del carril 3

---

von Erde isolieren (v)
to insulate from earth *or* ground
isoler (v) de la terre

изолировать отъ земли
isolare (v) da terra
aislar (v) de la tierra 4

Schutz (m) gegen Berührung
guard for preventing contact with live rail
protection (f) contre le contact *ou* l'attouchement



предохраненіе (n) отъ соприкасанія *или* отъ прикосновеній
protezione (f) contro il contatto
protección (f) contra el contacto 5

Schutzbalken (m)
guard board
longrine (f) protectrice *ou* de défense

a

предохранительная балка (f)
trave (f) di protezione
viga (f) de protección *ó* de defensa 6

Isolatorschutz (m)
protection of insulators
protection (f) de l'isolateur

предохраненіе (n) изоляторовъ
protezione (f) dell' isolatore
protección (f) del aislador 7

---

unterirdische Stromzuführung (f)
conduit system of electric traction
amenée (f) souterraine du courant

подземный подводъ (m) тока; подземная подача (f) тока
conduttura (f) sotterranea di corrente
conducción (f) subterránea de la corriente 8

---

den Stromabnehmer einführen (v)
to insert the current collecting device
descendre (v) le frotteur de prise de courant

ввести токопріемникъ *или* токособиратель
introdurre (v) il pattino
colocar (v) el aparato de toma de corriente 9

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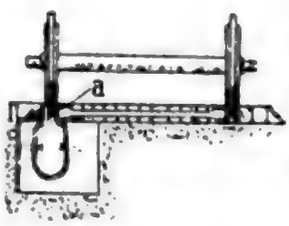
1	den Stromabnehmer herausnehmen (v) to lift out the current collecting device retirer (v) le frotteur de prise de courant	вынуть токопріемникъ; удалить токособиратель ritirare (v) il pattino sacar (v) *ó* quitar (v) el aparato de toma de corriente
2	Stromabnehmervorrichtung (f) current collecting device dispositif (m) de prise de courant	токопріемное *или* токособирательное приспособленіе (n) dispositivo (m) di presa della corrente disposición (f) de toma de corriente
3	Unterleitung (f) underground line conducteur (m) souterrain	подземный проводъ (m) condottura (f) sotterranea conductor (m) subterráneo
4	Schlitzkanalsystem (n) slotted conduit system système (m) de caniveau à fente	система (f) съ каналомъ со щелью sistema (m) a canale aperto *od* a canivo sistema (m) de conducto de hendidura
5	Schlitz (m) slot fente (f)	щель (f) scanalatura (f) hendidura (f)
6	Kanal (m) conduit caniveau (m)	каналъ (m); щелевой каналъ canale (m) conducto (m), canal (f)
7	Kanalprofil (n) cross-section of conduit profil (m) de caniveau	профиль (m) канала profilo (m) di canale perfil (m) de la canal
8	Kanalsohle (f) bottom of conduit fond (m) du caniveau	подошва (f) канала fondo (m) del canale suelo (m) *ó* fondo (m) de la canal
9	Kanalbock (m), Kanalrahmen (m) conduit yoke *or* frame cadre (m) de caniveau	подставка (f) *или* козлы (m pl) канала telaio (m) del canale marco (m) de canal
10	Kontaktzunge (f) contact tongue languette (f) de contact	контактный языкъ (m) linguetta (f) *o* appendice (f) di contatto lengüeta (f) de contacto
11	Stromleitungsschiene (f) contact rail rail (m) conducteur	токопроводящій рельсъ (m) sbarra (f) conduttrice carril (m) conductor



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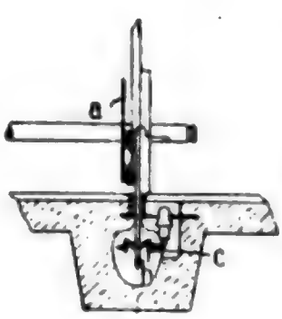

a

b

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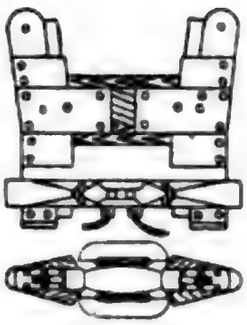
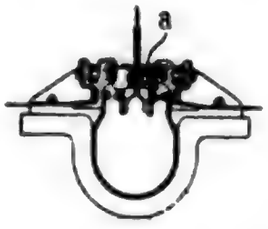
hienenträger (m) il support rte-rail (m)	c	поддержка (f) для рельса porta-sbarra (m) porta-carril (m)	1
ührungsschiene (f), Anlaufschiene (f) ide rail ntre-rail (m)		контръ-рельсъ (m) controrotaia (f) contra-carril (m)	2
ußeiserner Schuh (m) st-iron shoe atin (m) en fonte		чугунный башмакъ (m) pattino (m) di ghisa patin (m) de fundición	3
ontaktschiff (n) ntact plough abot (m) de prise de courant, frotteur (m), chariot (m) de prise de courant		контактный челнокъ (m) navetta (f) di contatto carrillo (m) de contacto	4
ontaktträger (m) ntact shoe orte-contact (m)		контактный держатель (m) portacontatto (m) porta-contacto (m)	5
ontaktfeder (f) ontact spring ressort (m) du contact		контактная пружина (f) molla (f) del contatto muelle (f) ó resorte (m) de contacto	6
ontaktplatte (f) ontact plate laque (f) de contact		контактная пластина (f) piastra (f) di contatto placa (f) de contacto	7
reifer (m) ipping device rappin (m) *ou* grip (m)		когти (m pl); зажимъ (m) grappa (f) grapa (f)	8
eckschiene (f) lot-closing rail angrine (f) de recouvrement	 a	покрывающій рельсъ (m) cantonale (m) di ricoprimento barra (f) ó carril (m) de recubrimiento	9
eilleitersystem (n), Oberflächenkontaktsystem (n) rface contact system ystème (m) par contact superficiel *ou* à plots *ou* par distributeur automatique		подземная система (f) съ надземными контактами sistema (m) a conduttori a sezioni sistema (m) de conductores divididos ó de contactos superficiales	10
eilleiterknopf (m), Oberflächenkontakt (m) ontact stud lou (m) du plot, bouton (m) de contact	a	контактная кнопка (f) подземной системы съ надземными контактами bottone (m) del conduttore a sezioni botón (m) de contacto del conductor dividido	11

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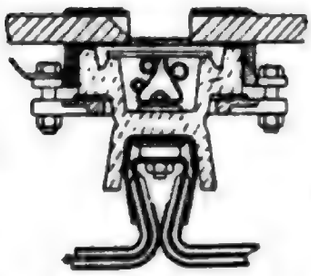
1 Kontaktapparat (m)
contact apparatus
appareil (m) de contact *ou* plot



контактный приборъ (m) *или* аппаратъ (m)
apparecchio (m) di contatto
aparato (m) de contacto

---

2 elektrische Stoßverbindung (f)
rail bonding
joint (m) *ou* éclissage (m) électrique des rails

электрическое соединение (n) стыковъ
collegamento (m) elettrico del giunto
conexión (f) eléctrica o eclisa (f) de los carriles

---

3 Schienenverbinder (m)
rail bond
joint (m) *ou* rails connexion (f) pour

a

рельсовое соединение (n)
connessione (f) di rotaie
conectador (m) de carriles

---

4 Schienenverbinder aus Draht (m)
wire rail-bond
joint (m) *ou* connexion (f) en câble pour rails

стыковое соединение (n) изъ проволоки
connessione (f) a fili
alambre (m) de conexión de los carriles

Kontaktverbindung (f), Zwischenplatte (f)
packing plate bond
plaque (f) intermédiaire de contact

контактное соединение (n)
connesione (f) a spina *o* zaffo
conexión (f) por pieza de contacto

---

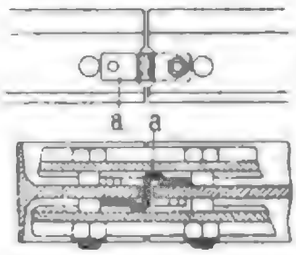
6 Verbindungsseil (n)
wire-rope bond
câble (m) de connexion *ou* de joint

a

соединительный канатъ (m)
cavo (m) di collegamento
cable (m) de conexión

---

7 Verbindungsband (n)
copper strip bond
lamelles (f pl) *ou* ruban (m) de connexion *ou* de joint



a

соединительная лента (f)
nastro (m) di collegamento
cinta (f) *ó* banda (f) de conexión

---

8 Verbindungsbügel (m)
hoop bond
étrier (f) de connexion

соединительный хомутъ (m)
staffa (f) di collegamento
estribo (m) de conexión

---

9 Schienenverbindungsstift (m)
expanding bond pin, channel pin
goupille (f) de connexion *ou* de joint des rails

штифтъ (m) для рельсовыхъ соединений
spina (f) di collegamento delle rotaie
clavija (f) de conexión de los carriles

Stahlstift (m)
steel pin
goupille (f) d'acier

стальной штифтъ (m)
zaffo (m) d'acciaio
clavija (f) de acero 1

Stahlkern (m)
steel core
tête (f) d'acier

стальной сердечникъ (m)
nucleo (m) d'acciaio
núcleo (m) de acero 2

eingenieteter Bolzen (m)
riveted bolt
goujon (m) rivé

вклёпанный болтъ (m)
bullone (m) battuto
perno (m) remachado 3

stählerner Pfropfen (m)
steel plug
tampon (m) d'acier

стальная пробка (f)
tappo (m) d'acciaio
tapón (m) de acero 4

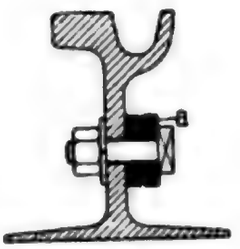
Kontaktstück (n)
contact-piece
plot (m) de contact

контактная часть (f)
pezzo (m) di contatto
pieza (f) de contacto 5

Kontakthülse (f)
contact bush
douille (f) de contact

контактная гильза (f) или втулка (f)
bussola (f) di contatto o gaina (f) a contatto
casquillo (m) ó manguito (m) de contacto 6

Klemmplatte (f)
washer
plaque (f) de serrage



a

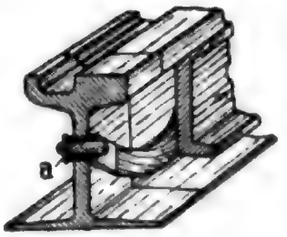
зажимная пластинка (f)
piastrina (f) di attacco
mordaza (f) de sujeción 7

Klemmbüchse (f)
terminal bush
douille (f) de serrage

a

зажимная втулка (f)
bussola (f) di attacco
casquillo (m) de aprieto ó de presión 8

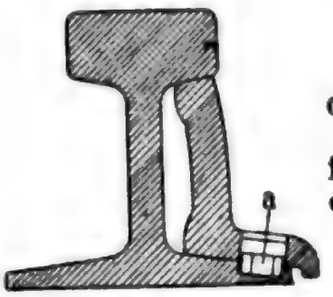
Kontaktstutzen (m)
contact terminal
douille (f) du rivet de contact



a

контактный патрубокъ (m)
bussolina (f) di contatto
casquillo (m) de contacto 9

Kontaktloch (n)
contact hole
trou (m) de contact



a

отверстіе (n) для контакта
foro (m) di contatto
orificio (m) ó agujero (m) de contacto 10

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1 die Verbindungsstelle lockert sich
the joint works loose
le joint se relâche

мѣсто (n) соединенія расшатывается
il collegamento si allenta
la conexión ó la junta se afloja

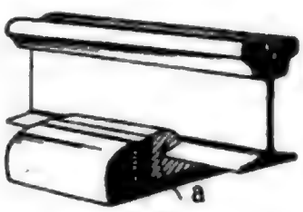
2 verdeckte Schienenverbindung (f)
protected *or* covered rail bond
joint (m) de rail recouvert

закрытое рельсовое соединеніе (f)
connessione (f) sotto le stecche ó protetta
conexión (f) cubierta ó junta (f) tapada de carriles

3 Unterlaschenbund (m)
rail-bond covered by fish-plate
chape (f) de connexion

соединеніе (n) рельсовъ накладками снизу
unione (f) a coprigiunto inferiore
brida (f) de cubrejunta inferior

4 Schienenschuh (m)
imperial rail joint
manchon (m) connecteur



a

рельсовый предохранитель (m)
protettore (m) di rotaia
mangnito (m) conectador

5 kontinuierliche Schiene (f)
continuous rail
rail (m) continu

непрерывный рельсъ (m)
rotaia (f) continua
carril (m) continuo

6 elektrisch geschweißte Schiene (f)
electrically welded rail
rail (m) soudé électriquement

рельсъ (m), электрически свареный
rotaia (f) saldata elettricamente
carril (m) soldado eléctricamente

7 die Schienenenden verschweißen (v)
to weld the rail ends together
souder (v) par fusion les extrémités des rails

сварить концы рельсовъ *или* рельсовые стыки
saldare (v) a caldo le estremità di rotaie
soldar (v) [al fuego] las extremidades de los carriles

8 Schienenschweißverfahren (n)
method of welding rails
procédé (m) de soudage par fusion des rails

способъ (m) сварки рельсовъ
processo (m) di saldatura a fuoco delle rotaie
procedimiento (m) de soldadura [al fuego] de los carriles

9 Schweißstelle (f)
weld
soudure (f) (c. à d. endroit soudé au feu)

мѣсто (n) сварки
punto (m) da saldare, saldatura (f)
punto (m) de soldadura

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die Schienenenden vergießen (v)
to pour molten metal round the rail ends, to cast-weld rails
souder (v) en coulant du métal les extrémités des rails

залить стыки рельсовъ
collegare (v) le rotaie con metallo fuso
soldar (v) las extremidades de los carriles con el metal fundido 1

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umgossenes Schienenende (n)
rail ends with molten metal poured round, cast-welded rail ends
extrémité (f) de rail soudée en coulant du métal

залитый конецъ (m) рельса
estremità (f) di rotaia presa nella fusione
extremidad (f) de carril recibida en la fundición 2

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aluminothermisches Verfahren (n)
aluminothermic method
procédé (m) aluminothermique

алюминотермическій способъ (m)
processo (m) allumino termico, processo (m) alla termite
procedimiento (m) alumino-térmico 3

Thermit (n)
thermite
thermite (f)

термитъ (m)
termite (f)
termita (f) 4

Gußklotz (m), Gußmantel (m)
casting block, casting mould
bloc (m) coulé, manteau (m) de fonte

чугунная колодка (f); чугунный кожухъ (m)
blocco (m) di fusione, mantello (m) di fusione
bloque (m) colado ó fundido, envuelta (f) colada ó de fusión 5

---

metallurgisches Schweißen (n) der Schienenstöße
metallurgical welding of the rail joints
soudage (m) métallurgique des abouts des rails

металлургическая сварка (f) рельсовыхъ стыковъ
saldatura (f) metallurgica dei giunti di rotaia
soldadura (f) metalúrgica de las juntas de carriles 6

Schienenprüfer (m)
rail tester
appareil (m) vérificateur de la résistance des rails

рельсовый испытатель (m); приборъ (m) для испытанія рельсовъ
apparecchio (m) per verificare la resistenza delle rotaie
aparato (m) para probar la resistencia de los carriles 7

Schienenstoßprüfapparat (m)
rail-bond tester
appareil (m) vérificateur des joints de rails *ou* essayeur (m) de joints

приборъ (m) для испытанія стыковыхъ соединеній
apparecchio (m) per verificare i giunti delle rotaie
aparato (m) para probar las juntas de los carriles 8

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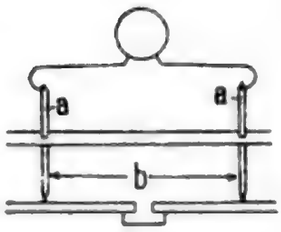
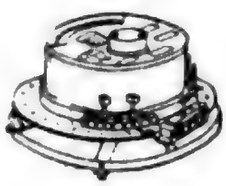
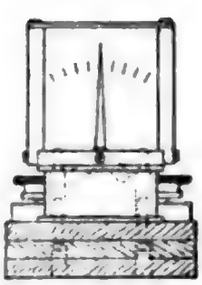
1	Meßstabschienenprüfer (m) scale rail-tester essayeur (m) de rails à échelle		приборъ (m) для испытанія рельсъ съ шестами apparecchio (m) a stadia per misurare la resistenza ai giunti ensayador (m) de carriles con scala
2	Meßstab (m) scale échelle	a	шестъ (m) stadia (f) escala (f), barra (f) graduada
3	Meßstrecke (f), Kontrollstrecke (f) measuring section, control section section (f) à mesurer, section (f) à contrôler	b	измѣрительный участокъ, контрольный участокъ (m) sezione (f) da misurare, sezione (f) di controllo sección (f) de medida, sección (f) de registro ó de comprobación
4	Galvanometer (n) galvanometer galvanomètre (m)		гальванометръ (m) galvanometro (m) galvanómetro (m)
5	Differentialgalvanometer (n) differential galvanometer galvanomètre (m) différentiel		дифференціальный гальванометръ (m) galvanometro (m) differenziale galvanómetro (m) diferencial
6	Differentialvoltmeter (n) differential voltmeter voltmètre (m) différentiel		дифференціальный вольтметръ (m) voltmetro (m) differenziale voltímetro (m) diferencial
7	Galvanoskop (n) galvanoscope, linesman's detector galvanoscope (m)		гальваноскопъ (m) galvanoscopio (m) galvanoscopio (m)
8	Nullmethode (f) zero method méthode (f) de réduction à zéro		нулевой методъ (m) metodo (m) di riduzione zero método (m) de reducción á cero
9	Meßstrom (m) measuring current courant (m) de mesure		токъ (m) для измѣреній corrente (m) di misura corriente (f) de medida
10	Erdanschlußstelle (f) earthing point point (m) de mise à la terre		мѣсто (n) присоединенія къ землѣ punto (m) di contatto colla terra punto (m) de contacto ó de pérdida á tierra

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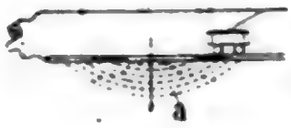
vagabundierender Strom (m)
stray-current, vagabond current
courant (m) vagabond

a

блуждающій токъ (m)
corrente (f) di terra, corrente (f) vagabonda 1
corriente (f) vagabunda ó de dispersión

Erdstrom (m)
earth current
courant (m) tellurien



a

земной токъ (m)
corrente (f) terrestre o tellurica 2
corriente (f) terrestre ó telúrica

Telephonstörung (f)
telephone disturbance
perturbation (f) téléphonique

повреждение (n) телефона *или* телефонной сѣти
perturbazione (f) telefonica 3
desarreglo (m) ó perturbación (f) en el teléfono

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VIII.

Signal- und Sicherungswesen

Signalling and Safety Appliances

Signaux et appareils de protection

Сигнали и предохранительныя устройства

Segnali e mezzi di protezione

Señales y aparatos de protección

	Signale	**Сигналы**
1	**Signals**	**Segnali**
	Signaux	**Señales**
2	Signal[zeichen] (n) signal signal (m)	сигналъ (m) segnale (m), segno (m) señal (f)
3	Signalwesen (n) signalling, signaling (A) signalisation (f), tout ce qui a trait aux signaux	сигнализація (f) i segnali (m pl), (tutto ciò che concerne i segnali) todo lo referente á las señales
4	Signalordnung (f) signal code code (m) *ou* règlement (m) des signaux	порядокъ (m) сигнализаціи regolamento (m) dei segnali reglamento (m) de señales
5	Signalvorschrift (f) signal regulations *or* instructions instruction (f) relative aux signaux	инструкція (f) по сигнализаціи istruzioni (f pl) relative ai segnali instrucción (f) relativa á las señales

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Signalbegriff **Meaning of Signal** **Signification des signaux**	**Значеніе сигналовъ** **Significato dei segnali** **Significación de las señales**	1
Signalmittel (n) signalling (signaling A) apparatus appareil (m) à signaux	сигнальные приборы apparecchio (m) per segnali aparato (m) de señales	2
sichtbares *oder* optisches Signal (n) optical signal, visible *or* visual signal signal (m) optique	оптическій *или* видимый сигналъ (m) segnale (m) ottico señal (f) de vista *ú* óptica	3
Formsignal (n) form signal signal (m) ayant une forme déterminée	сигналъ (m), основанный на зрительномъ впечатлѣніи формы segnale (m) di forma señal (f) óptica de forma (en contr. á señal luminosa)	4
Signalfarbe (f) signal colour (color A) couleur (f) de signal	цвѣтъ (m) сигнала colore (m) del segnale color (m) de la señal	5
Lichtsignal (n) light signal signal (m) lumineux	свѣтовой сигналъ (m) segnale (m) luminoso señal (f) luminosa	6
Signallicht (n) signal light feu (m) de signal	сигнальный свѣтъ (m) luce (m) del segnale luz (f) de la señal	7
hörbares *oder* akustisches Signal (n) acoustic signal, audible signal signal (m) acoustique	слуховой *или* акустическій сигналъ (m) segnale (m) acustico señal (f) acústica *ó* de oído	8
fühlbares Signal (n) tangible signal signal (m) tangible (Amerique)	осязательный сигналъ (m) segnale (m) sensibile señal (f) tangible	9
Tagsignal (n) day signal signal (m) diurne *ou* de jour	дневной сигналъ (m) segnale (m) diurno *o* di giorno señal (f) diurna *ó* de dia	10
Nachtsignal (n) night signal signal (m) nocturne *ou* de nuit	ночной сигналъ (m) segnale (m) notturno *o* di notte señal (f) nocturna *ó* de noche	11
mechanisches Signal (n) mechanical signal signal (m) mécanique	механическій сигналъ (m) segnale (m) meccanico señal (f) mecánica	12
elektrisches Signal (n) electric signal signal (m) électrique	электрическій сигналъ (m) segnale (m) elettrico señal (f) eléctrica	13

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1	selbsttätiges *oder* selbstwirkendes Signal (n) automatic signal signal (m) automatique	автоматическій или самодѣйствующій сигналъ (m) segnale (m) automatico señal (f) automática
2	Signalgebung (f) giving a signal, signalling transmission (f) d'un signal	подача (f) сигнала trasmissione (f) d'un segnale transmisión (f) de una señal
3	ein Signal geben (v) to give a signal, to signal signaler (v), donner (v) un signal	подать сигналъ segnalare (v), dare (v) *o* fare (v) un segnale señalar (v); dar (v) *ó* hacer (v) una señal
4	ein Signal empfangen (v) to receive a signal recevoir (v) un signal	принять сигналъ ricevere (v) un segnale recibir (v) una señal
5	Signalbild (n) signal indication figure (f) *ou* forme (f) du signal	видъ (m) сигнала figura (f) del segnale figura (f) *ó* forma (f) de la señal
6	Signalbewegung (f) signal operation *or* working mouvement (m) donné au signal	управленіе (n) сигналомъ manovra (f) del segnale maniobra (f) de la señal
7	Fahrsignal (n) „clear" signal signal (m) de marche, signal (m) de voie libre	сигналъ (m) „путь свободенъ"; открытый сигналъ segnale (m) di via libera señal (f) de vía libre
8	Haltsignal (n) stop signal signal (m) d'arrêt	сигналъ (m) остановки; сигналъ „путь закрытъ" segnale (m) di fermata *o* d'arresto señal (f) de parada *ó* de vía cerrada
9	Langsamfahrsignal (n) speed slackening signal, caution signal signal (m) de ralentissement	сигналъ (m) тихаго хода segnale (m) di rallentamento señal (f) para disminución de la marcha; señal de entrada con precaución
10	Gefahrsignal (n), Alarmsignal (n) danger signal, alarm signal signal (m) d'alarme *ou* de danger	сигналъ (m) объ опасности segnale (m) d'alarme *o* di pericolo señal (f) de alarma *ó* de peligro
11	Signalwärter (m) signalman signaliste (m), signaleur (m)	сигналистъ (m); сигнальный сторожъ (m) segnalatore (m), guardiano (m) señalador (m), guarda (m)

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Nebelwächter (m)
fogman
surveillant (m) en temps de brouillard

сторожъ (m), дежурящій въ туманную погоду
sorvegliante (m) in tempo di nebbia
vigilante (m) en tiempo de niebla

1

Signalbude (f)
signal box, signal cabin
cabine (f) *ou* guérite (f) de signaleur

сигнальная будка (f); будка (f) для сигналиста
cabina (f) del segnalatore
garita (f) del señalador *ó* del guarda

2

Signalturm (m)
signal tower
cabine (f) de manoeuvre surélevée

сигнальная башня (f)
cabina (f) rilevata a segnali
garita (f) elevada para maniobra

3

Bahnzustandsignal

Signal showing the Condition of the Track

Signal d'état de la voie

Путевой сигналъ; станціонный сигналъ

Segnale indicatore dello stato del binario

Señal del estado de vía

4

feststehendes Signal (n)
fixed signal
signal (m) fixe

неподвижный сигналъ (m)
segnale (m) fisso
señal (f) fija

5

Armsignal (n), Flügelsignal (n)
semaphore signal
signal (m) sémaphorique, sémaphore (m)

семафоръ (m)
segnale (m) semaforico, semaforo (m)
señal (f) semafórica, semáforo (m)

6

Signalmast (m)
signal post
poteau (m) *ou* mât (m) de sémaphore

a

семафорная мачта (f); семафорный столбъ (m)
asta (f) semaforica, albero (m) semaforico
poste (m) *ó* mástil (m) del semáforo

7

Signalflügel (m), Signalarm (m)
semaphore arm, blade (A)
bras (m) de sémaphore

b

крыло (n) [*или* лапа (f)] семафора
ala (f) *o* braccio (m) di semaforo
brazo (m) *ó* aleta (f) del semaforo

8

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einarmiges *oder* einflügliges Signal (n)
single arm *or* blade (A) semaphore
sémaphore (m) à un bras

однокрылый семафоръ (m)
segnale (m) ad un braccio *o* ad un aletta
semáforo (m) de un brazo

9

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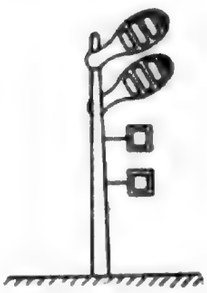
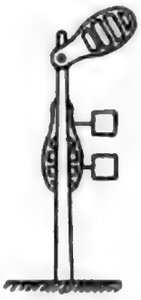
1 doppel-(mehr-)armiges Signal (n)
double [multi-] arm *or* blade (A) semaphore
sémaphore (m) double (multiple) *ou* à deux bras



двукрылый (многокрылый) семафоръ (m)
semaforo (m) doppio [multiplo]
semáforo (m) doble [múltiple] *ó* de dos aletas

2 Mastsignal (n)
signal on post
signal (m) [monté] sur le poteau [du sémaphore]



сигналъ (m) на семафорной мачтѣ *или* на семафорномъ столбѣ
segnale (m) montato sull'asta semaforica
señal (f) montada sobre el poste [del semáforo]

3 kurzer Signalmast (m)
doll (A)
poteau (m) à signaux bas

a

короткая семафорная мачта (f) короткій семафорный столбъ (m)
antenna (f) da segnali bassa
poste (m) corto de señales

4 Scheibensignal (n)
disc signal
signal (m) à disque

дисковый сигналъ (m)
segnale (f) a disco
señal (f) de disco

5 Signalscheibe (f)
signal disc
disque (m) de signal

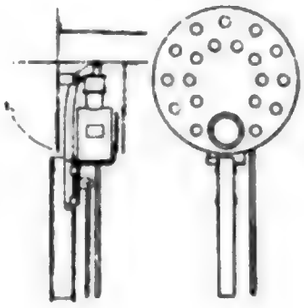
a

сигнальный дискъ (m)
disco (m) da segnale
disco (m) de señal[es]

6 Wendescheibe (f)
revolving disc
disque (m) tournant

поворотный дискъ (m)
disco (m) girevole
disco (m) giratorio [de eje vertical]

7 Klappscheibe (f)
hinged disc
disque (m) à rabattement



откидной дискъ (m)
disco (m) a ribaltamento
disco (m) de charnela [de eje horizontal]

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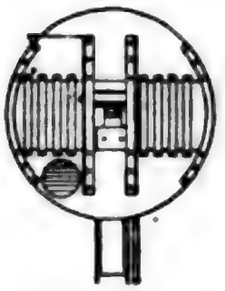
durchbrochene Signalscheibe (f)
perforated disc signal
disque (m) signal ajouré



рѣшетчатый сигнальный дискъ (m)
disco (m) di segnale traforato
disco (m) agujereado para señales
1

eingekapseltes Scheibensignal (n)
enclosed disc signal
disque (m) enveloppé

сигнальный дискъ (m) въ желѣзномъ кожухѣ
segnale (m) a disco avviluppato
disco (m) encerrado
2

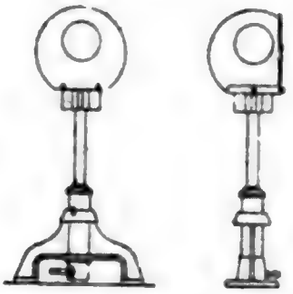
Kastensignal (n)
box signal
signal (m) à caisson

предупредительный сигналъ (m)
segnale (m) a cassetto
señal (f) de caja
3

Zwergsignal (n)
dwarf [semaphore] signal
mât (m) sémaphorique bas

низкій семафоръ (m) для манёвровъ
antenna (f) semaforica bassa
semáforo (m) enano
4

Topfsignal (n)
pot signal
signal (m) bas à lanterne [à plusieurs faces]



предупредительный сигналъ (m) американскаго типа
segnale (m) basso a fanale a piufaccie
señal (f) baja con linterna de varias caras
5

Hängesignal (n)
suspended signal
signal (m) suspendu

подвѣсный сигналъ (m)
segnale (m) sospeso
señal (f) suspendida
6

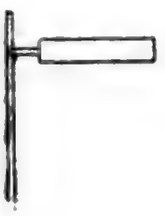
Signalstellung (f)
signal position
position (f) d'un signal

положеніе (n) сигнала
posizione (f) del segnale
posición (f) de una señal
7

in Fahrtstellung (f)
in "clear" position, in "proceed" position
[position (f)] à voie libre

въ положеніи „путь свободенъ"; въ открытомъ положеніи
in posizione (f) di via libera
en posición (f) de vía libre
8

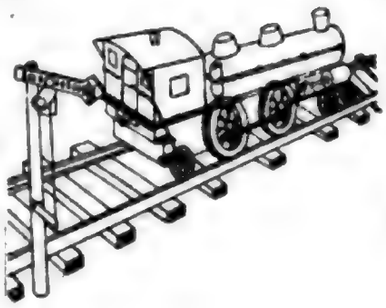
in Haltstellung (f)
in "danger" position, in "stop" position, in "caution" position
[position (f)] à l'arrêt



въ заграждающемъ положеніи; въ положеніи остановки
in posizione (f) di fermata
en [posición (f) de vía cerrada ó de alto ó de] parada
9

положеніе (n) тихаго хода; положеніе замедленія хода
posizione (f) di avviso *o* posizione di marcia rallentata
posición (f) de entrada con precaución *ó* de disminución de la marcha

Warnstellung (f), Langsamfahrstellung (f)
1 "caution" position
position (f) d'avertissement *ou* ralentissement



проѣхать закрытый (заграждающій) сигналъ
oltrepassare (v) il segnale d'arresto
pasar (v) la señal de parada *ó* de alto

das Haltsignal überfahren (v)
2 to run past the stop signal
dépasser (v) le signal d'arrêt

поставить сигналъ; установить сигналъ; перевести сигналъ
dare (v) il segnale, manovrare (v) il segnale
poner (v) *ó* maniobrar (v) la señal

das Signal stellen (v)
3 to set the signal
mettre (v) le signal, manœuvrer (v) le signal

открыть сигналъ; поставить сигналъ въ положеніе „путь свободенъ"
mettere (v) il segnale a via libera [alla fermata]
poner (v) la señal en vía libre

das Signal auf Fahrt stellen (v)
4 to set the signal at „line clear", to „line clear"
mettre (v) le signal sur voie libre

закрыть сигналъ; установить сигналъ въ положеніе остановки
aprire (v) il segnale, mettere (v) il segnale al »fermi«
poner (v) la señal en vía cerrada *ó* en parada

das Signal auf Halt stellen (v)
5 to set the signal at "stop" *or* "danger", to danger the signal
mettre (v) le signal sur voie fermée *ou* à l'arrêt

открыть сигналъ
tirare (v) *od* aprire il segnale
quitar (v) *ó* abrir (v) la señal

das Signal ziehen (v)
6 to pull down the signal, to display the signal (A)
tirer (v) *ou* ouvrir (v) le signal

открытый сигналъ (m)
segnale (m) aperto
señal (f) en posición de vía libre *ó* de precaución

gezogenes Signal (n)
7 signal pulled down, displayed signal (A)
signal (m) tiré

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Einstreichen (n) des Signales
setting the signal at "stop" *or* "danger"
mise (f) du signal sur voie fermée

постановка (f) сигнала въ заграждающее положеніе
mettere (v) il segnale alla fermata
puesta (f) de la señal en vía cerrada

1

---

das Signal einschlagen (v) *oder* einziehen (v) *oder* einstreichen (v)
to set the signal at "stop" *or* "danger"
mettre (v) le signal sur voie fermée

закрыть сигналъ
mettere (v) il segnale in posizione di fermata
poner (v) la señal en vía cerrada

2

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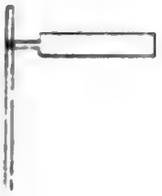
eingezogenes Signal (n)
signal set at "stop" *or* "danger"
signal (m) mis sur voie fermée



закрытый сигналъ (m)
segnale (m) in posizione di fermata
señal (f) puesta en vía cerrada

3

Schutzpfahl (m)
protecting post
poteau (m) [limite] de protection

предохранительный столбъ (m)
palo (m) di protezione
poste (m) [limite] de protección

4

Hauptsignal (n), Ortsignal (n)
home signal, (main signal)
signal (m) principal

a

главный сигналъ (m)
segnale (m) principale
señal (f) principal

5

Vorsignal (n), Fernsignal (n), Warnungssignal (n)
distant signal, (advance signal)
signal (m) avancé *ou* à distance

b

предупредительный сигналъ (m); передовой сигналъ; дальній сигналъ
segnale (m) avanzato, segnale (m) a distanza
señal (f) avanzada ó adelantada

6

Einfahrsignal (n), Bahnhofabschlußsignal (n)
home signal
signal (m) d'entrée

a

входной сигналъ (m); сигналъ для приходящихъ поѣздовъ; сигналъ, ограждающій станцію
segnale (m) d'entrata
señal (f) de entrada

7

Ausfahrsignal (n)
starting signal
signal (m) de sortie

b

выходной *или* выпускной сигналъ (m); сигналъ для отходящихъ поѣздовъ
segnale (m) d'uscita
señal (f) de salida

8

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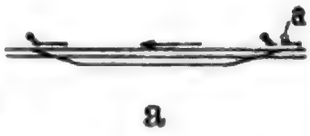
1 Doppelsignal (n), Ein- und Ausfahrsignal (n)
double signal, home and starting signal
signal (m) d'entrée et de sortie

двойной сигналъ (m); входной и выходной сигналы (mpl)
segnale (m) doppio, segnale (m) d'entrata e d'uscita
señal (f) de entrada y de salida

2 Durchfahrsignal (n), Ausfahrvorsignal (n)
advance starting signal
signal (m) avancé de passage *ou* de sortie



сигналъ (m) сквозного прохода
segnale (m) di passaggio, segnale (m) d'uscita a distanza *od* avanzato
señal (f) de paso, señal (f) avanzada de salida

3 Zustimmungssignal (n)
slotted signal
signal (m) de consentement

сигналъ (m) соглашенія
segnale (m) di consenso
señal (f) de consentimiento *ó* de permiso

4 Wegesignal (n)
route-indicating signal
signal (m) indicateur de direction

маршрутный *или* распредѣлительный сигналъ (m); указатель (m) направленія
segnale (m) indicatore del percorso
señal (f) indicadora de dirección

5 Blocksignal (n)
block signal
signal (m) pour maintenir entre les trains les intervalles nécessaires, signal (m) de block

сигналъ (m) блокировочной системы
segnale (m) di blocco
señal (f) de block

6 Liniensignal (n), durchlaufendes Signal (n), Streckensignal (n)
line signal, through signal
signal (m) de correspondance, signal (m) entre les agents de la voie *ou* entre stations

линейный сигналъ (m); сквозной сигналъ
segnale (m) di linea *o* continuo
señal (f) que atraviesa todas las estaciones

7 Annäherungssignal (n)
approach signal
signal (m) d'avertissement *ou* d'approche

сигналъ (m) приближенія
segnale (m) di preaviso
señal (f) de aproximación de trén

8 Ruhesignal (n)
"line clear" signal
signal (m) du repos de la voie (entre deux trains de l'horaire)

сигналъ (m) покоя; линейный сигналъ, извѣщающій что прослѣдуетъ поѣздъ согласно росписанію
segnale (m) a riposo
señal (f) de reposo de la vía (entre dos trenes del horario)

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Abmeldesignal (n), Abläutesignal (n)
train starting signal
signal (m) d'annonce d'un train

сигналъ (m) для извѣщенія путевыхъ сторожей и рабочихъ о выходѣ поѣзда съ сосѣдней станціи
segnale (m) d'avviso, segnale (m) d'annunzio di un treno
señal (f) de anuncio de un tren 1

Rückmeldesignal (n)
repeating signal, answer-back signal
signal (m) de réplique

отвѣтный сигналъ (m)
segnale (m) di replica
señal (f) de réplica 2

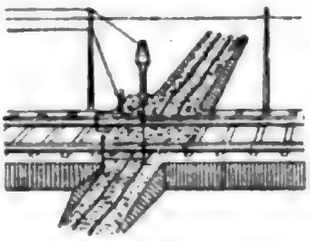
Tunnelsignal (n)
tunnel signal
signal (m) de tunnel

тоннельный сигналъ (m)
segnale (m) di galleria
señal (f) de túnel 3

Drehbrückensignal (n)
opening bridge signal, swing bridge signal, drawbridge signal (A)
signal (m) de pont tournant

сигналъ (m) у разводного моста
segnale (m) di ponte girevole
señal (f) de puente giratorio 4

Wegübergangsignal (n)
road crossing signal, grade crossing signal
signal (m) de passage à niveau

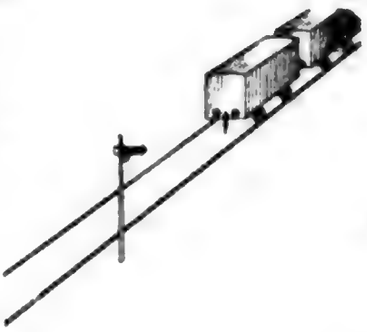


сигналъ (m) для переѣздовъ
segnale (m) di passaggio a livello
señal (f) de paso á nivel 5

Gefahrpunkt (m)
dangerous point
point (m) dangereux

опасный пунктъ (m); опасное мѣсто (n)
punto (m) pericoloso
punto (m) peligroso 6

Zugdeckungssignal (n)
signal for protection of trains, train-protecting signal
signal (m) de couverture des trains



сигналъ (m) огражденія поѣзда
segnale (m) di protezione del treno
señal (f) de cubrimiento de tren 7

---

den Zug decken (v)
to protect *or* cover the train
couvrir (v) le train

оградить поѣздъ
proteggere (v) *o* coprire (v) il treno
cubrir (v) el tren 8

Räumungssignal (n)
clearing signal
signal (m) d'évacuation [de la voie]

a

сигналъ (m) освобожденія пути
segnale (m) di sgombero
señal (f) de despejo 9

Verschiebesignal (n), Rangiersignal (n)
shunting signal
signal (m) de manœuvre [de triage]

сортировочный сигналъ (m); маневровый сигналъ; сигналъ для манёвровъ
segnale (m) di manovra
señal (f) de maniobra 10

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1 Weichensignal (n), Weichenstandzeiger (m)
point indicator
signal (m) de branchement *ou* d'aiguille

сигналъ (m) при стрѣлкѣ; стрѣлочный сигналъ
segnale (m) di scambio
señal (f) de cambio [de vía], indicador (m) de aguja

---

2 Signal (n) am Wasserkran
signal on the water crane
signal (m) monté sur la grue d'alimentation

сигналъ (m) на водоразборномъ кранѣ
segnale (m) montato sulla gru d'alimentazione
señal (f) montada sobre la grúa de alimentación

---

3 Bahnhofsicherung (f)
protecting *or* covering the station
protection (f) *ou* couverture (f) de la gare

огражденіе (n) станціи
protezione (f) della stazione
protección (f) de la estación

---

4 Sicherungsanlage (f)
installation of safety appliances
installation (f) de protection

устройство (n) для огражденія
impianto (m) di protezione
instalación (f) de protección

---

5 Streckensicherung (f)
protecting a section
protection (f) d'une section de voie

сигнализація (f) участковъ пути
protezione (f) a sezione
protección (f) de la línea

---

6 Fahrstraße (f)
track, road
[voie (f) de] parcours (m)

путь (m); маршрутъ (m)
percorso (m)
[vía (f) de] recorrido (m)

---

7 Ausfahrstraße (f)
outgoing *or* outbound track, departure line
voie (f) de sortie

a

выходной маршрутъ (m); путь (m) отправленія
binario (m) d'uscita
vía (f) de salida

---

8 Einfahrstraße (f)
incoming *or* inward bound track, arrival line
voie (f) d'entrée

b

входной маршрутъ (m); путь (m) прибытія
binario (m) d'entrata
vía (f) de entrada

---

9 belegtes *oder* besetztes Gleis (n)
occupied track
voie (f) occupée

a

занятый путь (m)
binario (m) occupato
vía (f) ocupada *ó* cerrada

---

10 unbelegtes *oder* unbesetztes Gleis (n)
unoccupied *or* empty track
voie (f) libre

b

свободный путь (m)
binario (m) non occupato *o* libero *o* sgombero
vía (f) libre

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signalmäßige Fahrt (f)
run in accordance with signals
marche (f) des trains conforme aux signaux

проѣздъ (m) въ соотвѣтствіи съ сигналами
marcia (f) dei treni secondo i segnali
marcha (f) de los trenes conforme á las señales
1

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feindliche Signale (n pl)
conflicting signals
signaux (m pl) antagonistes

враждебные сигналы (m pl),
segnali (m pl) antagonisti
señales (f pl) antagonistas *ú* opuestas
2

Signalfolge (f)
succession of signals
suite (f) *ou* succession (f) de signaux

послѣдовательность (f) сигналовъ
successione (f) dei segnali
sucesión (f) *ó* serie (f) de señales
3

---

geradlinige Signalaufstellung (f)
arrangement of the signals in a straight line
disposition (f) des signaux en alignement

установка (f) сигналовъ по прямой линіи поперёкъ путей
disposizione (m) rettilinea dei segnali
disposición (f) alineada de las señales, colocación (f) de las señales en línea recta
4

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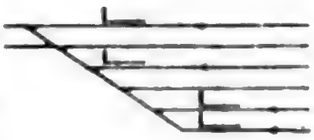
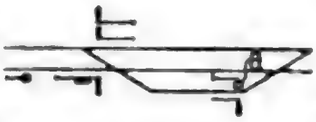
stufenförmige Signalaufstellung (f)
arrangement of the signals in steps
disposition (f) des signaux en gradins *ou* en cascade



установка (f) сигналовъ уступами
disposizione (f) dei segnali a gradini
disposición (f) escalonada de las señales
5

Zählmast (m), Unterscheidungsmast (m)
distinctive post, dummy (A)
poteau (m) indicateur de lignes



a

отличительная мачта (f); отличительный столбъ (m)
palo (m) distintivo
poste (m) indicador
6

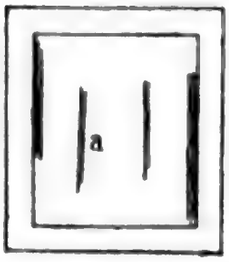
Signallaterne (f)
signal lamp
lanterne (f) de signal, fanal (m)

сигнальный фонарь (m)
lanterna (f) da segnale, fanale (m)
farol (m), linterna (f) de señales
7

Scheinwerfer (m), [Reflektor (m)]
reflector
réflecteur (m)

рефлекторъ (m)
riflettore (m)
reflector (m)
8

Blende (f), Laternenblende (f)
diaphragm
écran (m), transparent (m)



очко (n) фонаря
schermo (m)
transparente (m)
9

Blendenglas (n), Signalglas (n)
signal glass
verre (m) d'écran

a

стекло (n) очка
lastra (f) dello schermo
vidrio (m) de señal
10

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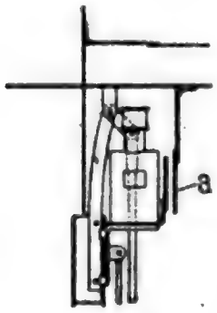
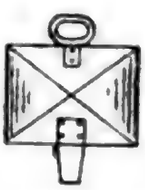
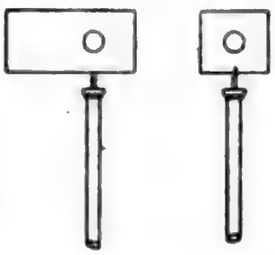


a

1	Rückblende (f) back diaphragm écran (m) d'arrière, transparent (m) d'arrière	обратное очко (n) schermo (m) posteriore transparente (m) de atrás ó posterior
2	Rücklicht (n) back-light feu (m) d'arrière	контрольный свѣтъ (m); свѣтъ, обращённый назадъ luce (f) posteriore luz (f) de atrás
3	volles Licht (n) full light pleine lumière (f), plein feu (m)	полный свѣтъ (m) piena luce (f) plena luz (f); luz (f) completa
4	Sternlicht (n) star-light feu (m) étoilé	звѣздный свѣтъ (m) luce (f) a stelle luz (f) estrellada
5	Milchglasscheibe (f) opal-glass vitre (f) opaline	матовое стекло (n) vetro (m) opalino vidriera (f) opalina



a



6	tragbares Signal (n) portable signal signal (m) portátif *ou* mobile	переносный сигналъ (m) segnale (m) portatile señal (f) portátil ó móvil
7	Stielscheibe (f), Stockscheibe (f) hand disc, disc on rod disque (m) à manche, disque (m) signal à main	сигнальный дискъ (m) на шестѣ disco (m) portatile disco (m) de mango, disco (m) de señales de mano
8	Scheibenstiel (m) rod of disc manche (m) du disque	шестъ (m) диска manico (m) del disco mango (m) del disco
9	viereckiges Signal (n) square signal signal (m) carré [en France: signal d'arrêt]	четыреугольный сигналъ (m) segnale (m) rettangolare señal (f) cuadrada
10	runde Scheibe (f) (round) disc disque (m) rond	круглый дискъ (m) disco (m) rotondo disco (m) redondo

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geschlossene Scheibe (f), Haltscheibe (f)
closed disc, signal at danger
disque (m) fermé *ou* à l'arrêt *ou* de ralentissement

закрытый дискъ (m); дискъ, указывающій что „путь закрытъ"
disco (m) chiuso
disco (m) cerrado ó de parada (perpendicular á la vía) *1*

---

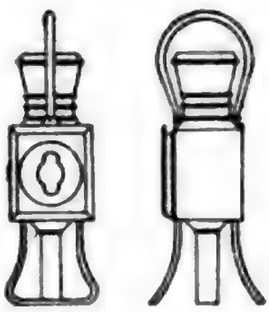
offene Scheibe (f), Freischeibe (f)
open disc, signal all right
disque (m) effacé *ou* ouvert *ou* à voie libre

открытый дискъ (m); дискъ, указывающій что „путь свободенъ"
disco (m) aperto
disco (m) de vía libre [paralelo á la vía] *2*

Stocklaterne (f)
lantern on post
lanterne (f) sur potelet

фонарь (m) на шестѣ
fanale (m) ad asta
linterna (f) sobre poste pequeño *3*

Handlaterne (f)
hand lamp
lanterne (f) à main

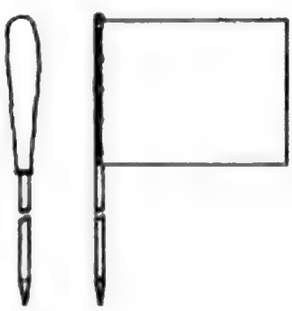


ручной фонарь (m)
lanterna (f) a mano
linterna (f) de mano *4*

Handsignal (n), Wärtersignal (n)
hand signal
signal (m) à main

ручной сигналъ (m)
segnale (m) a mano
señal (f) de mano *5*

Signalfahne (f)
signal flag
drapeau (m) signal, guidon (m)



сигнальный флагъ (m)
bandiera (m) da segnali
banderín (m) de señales *6*

Fahnensignal (n)
flag signal
signal (m) par le drapeau

сигналъ (m), подаваемый флагомъ
segnale (m) a bandiera
señal (f) hecha con el banderín *7*

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1 Knallsignal (n)
detonating signal, tog signal
signal (m) détonant *ou* pyrotechnique

сигналъ (m) со взрывомъ
segnale (m) a detonazione
señal (f) *ó* pirotécnica detonante

2 Knallkapsel (f)
detonating cartridge
capsule (f) explosive *ou* pétard (m)

хлопушка (f); петарда (f)
petardo (m)
petardo (m)

3 Knallkapselausleger (m)
torpedo placer (A)
[appareil (m)] poseur (m) de pétards

приспособленіе (n) для укладки хлопушекъ *или* петардъ
posa-petardi (m)
aparato (m) para colocar petardos

4 Revolverknallsignal (n)
revolving torpedo placer (A)
pétard (m) à revolver *ou* à répétition

петарда (f) съ нѣсколькими послѣдовательными выстрѣлами
posapetardi (m) a ripetizione
[señal (f) con] petardo (m) de revolver

5 Mundpfeife (f), Signalpfeife (f)
whistle
sifflet (m) de poche

[карманный] свистокъ (m)
fischietto (m)
pito (m) *ó* silbato (m) de bolsillo *ó* de mano

6 Pfeifensignal (n), Signalpfiff (m)
whistle signal
signal (m) par sifflet, coup (m) de sifflet

сигнальный свистокъ (m)
segnale (m) a fischio da sibilo
silbido (m), señal (f) dada con el silbato

7 Signalhorn (n)
signal horn
corne (f). cornet (m), trompe (f)

сигнальный рожокъ (m)
cornetta (f) da segnale
corneta (f)

8 Hornsignal (n)
horn signal
signal (m) par trompe

рожковый сигналъ (m); сигналъ, подаваемый рожкомъ
segnale (m) di cornetta
señal (f) [hecha] con corneta

9 Läutesignal (n)
ringing signal
signal (m) par sonnerie

сигналъ (m), даваемый звонкомъ
segnale (m) a soneria
señal (f) [hecha] con timbre

10 Signalglocke (f)
signal-bell
cloche (f) pour signaux

сигнальный звонокъ (m)
campana (f) da segnale
campana (f) para señales

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Glockensignal (n), Glockenzeichen (n) bell signal signal (m) par cloche	сигнальный звонъ (m) segnale (m) a campana señal (f) [hecha] con campana	1
Bremssignal (n) brake signal signal (m) de freinage *ou* appel (m) aux freins	тормазной сигналъ (m) segnale (m) di frenamento señal (f) de freno	2
Stell- und Blockeinrichtungen **Block and Interlocking Arrangements** **Appareils de manœuvre et de block**	**Устройства для управленія и блокировки сигналовъ и переводовъ** **Disposizioni di manovra e di blocco** **Aparatos de maniobra y de block**	3
örtliche Bedieuung (f) *oder* Handbedienung (f) der Signale und Weichen manual operation of signals and points *or* switches manœuvre (f) sur place *ou* à la main des signaux et aiguillages	непосредственное управленіе (n) сигналами и стрѣлками manovra (f) locale *od* a mano dei segnali e degli scambi maniobra (f) en el lugar *ó* á mano de las señales y agujas	4
Fernbedienung (f) der Signale und Weichen distant control of signals and points *or* switches manœuvre (f) à distance des signaux et aiguillages	управленіе (n) сигналами и стрѣлками на разстояніи manovra (m) a distanza dei segnali e degli scambi maniobra (f) á distancia de las señales y agujas	5
Signal- und Weichenstellwerk (n) interlocking frame, interlocking machine (A) appareil (m) de manœuvre de signal et d'aiguillage	центральный рычажный станокъ (m); замыкающій аппаратъ (m) apparecchio (m) di manovra per segnale e scambio aparato (m) de maniobra para señales y agujas	6
Weichenstellwerk (n) point lock appareil (m) de manœuvre d'aiguillage	стрѣлочный переводный приборъ (m) *или* аппаратъ (m) apparecchio (m) di manovra dello scambio aparato (m) de maniobra de las agujas	7
Weichenhebel (m) point lever levier (m) d'aiguillage	стрѣлочный рычагъ (m) leva (f) dello scambio palanca (f) del sistema de agujas	8

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1 Signalstellwerk (n)
signal lock
appareil (m) de manœuvre de signal

сигнальный переводный приборъ (m) *или* аппаратъ (m,
apparecchio (m) di manovra del segnale
aparato (m) de maniobra de la señal

---

2 Signalhebel (m)
signal lever
levier (m) de signal

a

сигнальный рычагъ (m)
leva (f) del segnale
palanca (f) de la señal

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3 Stellwerkanlage (f)
interlocking plant
installation (f) d'enclenchement

централизаціонная [семафорная] установка (f)
impianto (m) di chiusura
instalación (f) de enclavamiento

---

4 Stellwerkbezirk (m)
signal cabin zone
rayon (m) d'action du poste de manœuvre

раіонъ (m) семафорнаго *или* центральнаго поста
raggio (m) d'azione del posto di manovra
zona (f) *ó* radio (m) de acción della estación de maniobra

---

5 Verschlußtafel (f), Bedienungstafel (f)
locking sheet, locking table
tableau (m) d'enclenchement, tableau (m) de service

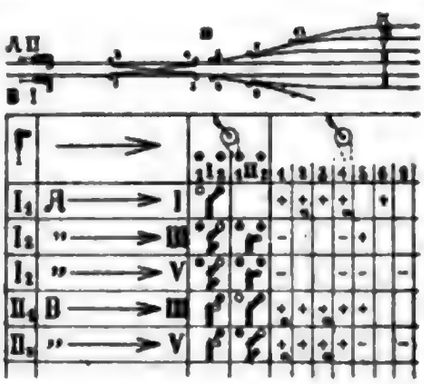

таблица (f) замыканія
quadro (m) di servizio, tabella (f) delle chiusure
cuadro (m) de servicio de enclavamiento

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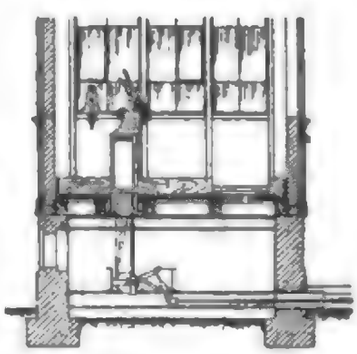
6 Budenstellwerk (n)
locking frame in signal box *or* cabin
poste (m) de manœuvre avec cabine



центральный постовой аппаратъ (m); механизмъ (m) центральнаго *или* семафорнаго поста
meccanismo (m) di manovra da cabina
estación (f) de maniobra en garita

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7 Stellwerkbude (f), Stellwerkhütte (f)
signal cabin, signal box
cabine (f) de poste de manœuvre

будка (f) семафорнаго *или* центральнаго поста
cabina (f) di manovra
garita (f) de la estación de maniobra

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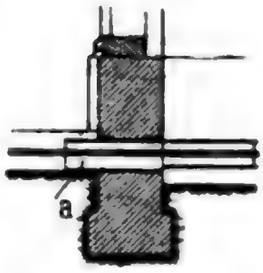
Durchzug (m), Mauerkasten (m)
opening for pipes and wires, lead out (A)
ouverture (f) de passage



a

проходъ (m); стѣнной ящикъ (m)
attraversamento (m) del muro
paso (m) de pared

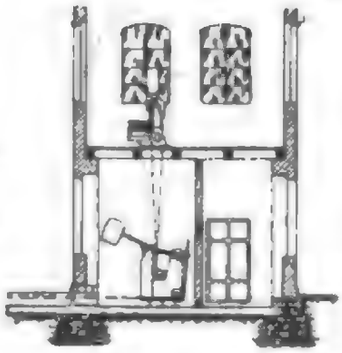
1

Durchzugsgestänge (n)
lead out
tiges (f pl) de traversée

комплектъ (m) тягъ, проводовъ и принадлежностей къ нимъ въ семафорной будкѣ и близъ ея
aste (f) di trazione attraversanti
vástagos (m pl) de paso

2

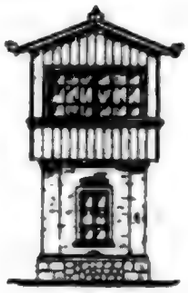
Turmstellwerk (n)
locking frame in signal tower
poste (m) de manœuvre à étage



башенный семафорный *или* центральный постъ (m)
posto (m) di manovra a torre *o* sopraelevato
estación (f) de maniobra en torre

3

Stell[werk]turm (m)
signal tower, interlocking tower (A)
cabine (f) *ou* poste (m) de manœuvre suré le vè[e]



башня (f) семафорнаго *или* центральнаго поста
cabina (f) a comando centrale
puesto (m) de maniobra elevado

4

Stell[werk]wärter (m)
signalman
agent (m) du poste de manoeuvre

семафорщикъ (m); дежурный (m) на семафорномъ посту
guardiano (m) *o* vigile del posto di manovra
vigilante (m) del puesto de maniobra

5

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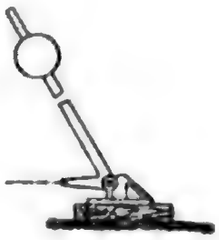
1. Stellwerk, Stellzeug
Locking Frame, Interlocking Machine
Appareil de manœuvre

Механизмы для управленія сигналами и переводами
Apparecchio di manovra
Aparato de maniobra

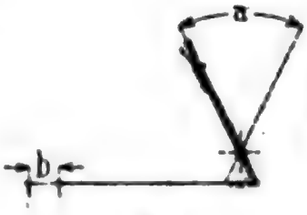
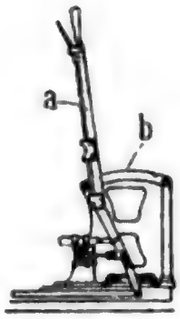
6

Stellbock (m), Hebelständer (m)
leverstand, switch-stand (A)
chevalet (m) de manœuvre



станокъ (m) перевода
cavalletto (m) di manovra
caballete (m) de maniobra

7

1	Stellhebel (m) (working) lever levier (m) de manœuvre	 a	переводный рычагъ (m) leva (f) di manovra palanca (f) de maniobra
2	Umlegen (n) des Stellhebels pulling *or* throwing over the lever, reversing renversement (m) du levier de manœuvre		переводъ (m) рычага inversione (f) della leva di manovra inversión (f) de la palanca de maniobra
3	den Stellhebel umlegen (v) to pull *or* throw over the lever, to reverse renverser (v) le levier de manœuvre		перевести рычагъ invertire (v) la leva di manovra invertir (v) la palanca de maniobra
4	Hebelausschlag (m) stroke of lever angle (m) décrit par le levier	 a	размахъ (m) рычага rotazione (f) della leva ángulo (m) describido por la palanca
5	Stellweg (m) length of stroke of lever course(f) [utile] du levier	b	ходъ (m) провода *или* стрѣлочной тяги corsa (f) dell'asta di manovra carrera (f) útil de la palanca de maniobra
6	Mittelstellung (f) *oder* Halbstellung (f) *oder* Gabelstellung (f) des Stellhebels mid-position of lever position (f) intermédiaire *ou* moyenne du levier de manœuvre	 a	среднее положеніе (n) переводнаго рычага posizione (f) media della leva di manovra posición (f) intermedia de la palanca de maniobra
7	Endstellung (f) *oder* Endlage (f) des Stellhebels extreme position of lever position (f) extrême du levier de manœuvre	b	крайнее положеніе (n) переводнаго рычага posizione (f) estrema della leva di manovra posición (f) extrema de la palanca de maniobra
8	Stehhebel (m) upright lever levier (m) vertical	 a	вертикальный *или* стоячій рычагъ (m) leva (f) verticale palanca (f) vertical
9	Führungsbogen (m), Gleitbogen (m) quadrant secteur (m) *ou* arc (m) guidage	b	направляющая дуга (f) settore (m) di guida, arco (m) di guida sector (m) *ó* arco (m) de guía

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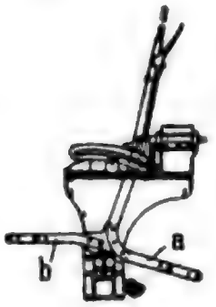
Anschlußarm (m) des Stellhebels
tail lever
partie (f) du levier rattachée au fil



a

соединительное колѣно (n) [между рычагомъ и передачею]
braccio (m) di chiusura della leva die manovra, parte della leva accoppiata al fil
brazo (m) de la palanca unida al alambre

Anschlußstück (m) des Stellhebels
lever shoe
pièce (f) de raccord de la poignée *ou* manette

b

башмакъ (m) переводнаго рычага
pezzo (m) di giunta della leva della manovra, pezzo (m) di raccordo
pieza (f) de unión de la palanca de maniobra

Umschlaghebel (m)
rotary lever
levier (m) à rotation

перекидной рычагъ (m)
leva (f) a rovesciamento, leva (f) a rotazione
palanca (f) de rotación

Stellwerkhebel (m) mit Zahnbogenübersetzung
lever with toothed wheel and sector purchase
levier (m) de manœuvre à multiplication par arc denté

переводный рычагъ (m) съ передачей зубчатымъ секторомъ
leva (f) di manovra con moltiplicazione a settore dentato
palanca (f) de maniobra con multiplicación de arco dentado

Übersetzungsverhältnis (n) der Stellwerkanlage
ratio of purchase *or* leverage of operating lever
multiplication (f) de l'appareil de manœuvre

степень (f) передачи *или* передача (f) переводнаго аппарата *или* станка
rapporto (m) di moltiplicazione dell'apparecchio di manovra
multiplicación (f) del aparato de maniobra

Gestängestellwerk (n)
locking frame for rod gear
appareil (m) de manœuvre à tiges *ou* tringles

переводный аппаратъ (m) *или* станокъ (m) съ жёсткой передачей
apparechio (m) di concando ad aste *o* tiranti
aparato (m) de maniobra con vástagos *ó* barras

Drahtzugstellwerk (n)
locking frame with wire gear
appareil (m) de manœuvre à fil de transmission

переводный аппаратъ (m) *или* станокъ (m) *или* переводъ (m) съ проволочной передачей
apparecchio (m) di manovra a filo metallico
aparato (m) de maniobra con alambre transmisor

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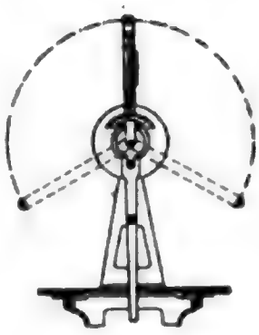
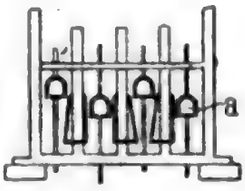
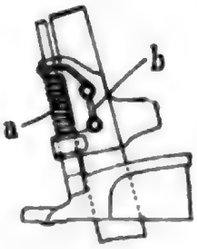
1	Stellrolle (f), Antriebscheibe (f) operating-pulley, driving-pulley poulie (f) de manœuvre	a	переводный шкивъ (m) puleggia (f) di manovra polea (f) de maniobra
2	zweiseitiger Umschlaghebel (m) double-throw lever levier (m) à rabattement dans les deux sens		рычагъ (m), откидывающійся въ обѣ стороны leva (f) a rotazione bilaterale palanca (f) de ida y vuelta
3	kurbelartiger Umschlaghebel (m) crank-type double-throw lever levier (m) coudé à rabattement		перекидной воротъ (m) leva (f) di rotazione a manovella palanca (f) de rotación en manivela
4	Steigbügel (m) stirrup étrier (m)	 a	стремя (n) staffa (f) di manovra estribo (m)
5	Federhandfalle (f) spring catch *or* latch lock manette (f) à ressort, verrou (m)		пружинная защёлка (f) пружинный шпингалетъ (m) impugnatura (f) a molla *od* a paletto fiador (m) de resorte
6	Fallenhebel (m) clasp handle, catch *or* latch handle poignée (f) du verrou	a	рукоятка (f) защёлки; затворъ (m) шпингалета leva (f) del paletto manecilla (f) del fiador
7	Fallenstange (f) catch rod, latch rod (A) tringle (f) *ou* tige (f) du verrou	b	струна (f) защёлки *или* шпингалета asta (f) del paletto varilla (f) del fiador
8	Fallenfeder (f) catch spring, latch spring (A) ressort (m) du verrou	 a	пружина (f) защёлки *или* шпингалета molla (f) del paletto resorte (m) del fiador

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Führungsstück (n) der Fallenstange
latch shoe
coulisseau-guide (m) de la manette *ou* du verrou

b

направляющая (f) струны защёлки *или* шпингалета
pezzo (m) di guida del paletto
corredera-guía (f) del fiador

1

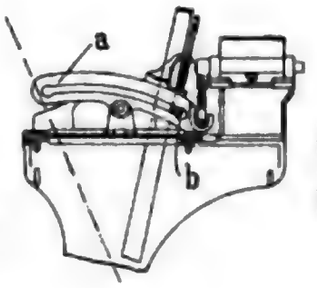
Reguliermutter (f) der Fallenstange
latch rod thimble
écrou (m) de réglage de la manette *ou* du verrou

a

гайка (f) для регулированія струны защёлки *или* шпингалета
madrevite (f) di regolazione dell'asta del paletto
tuerca (f) de regulación del fiador

2

Schwinghebel (m), Schwinge (f)
rocker
levier (m) à coulisse, coulisse (f) oscillante



a

коромысло (n)
leva (f) di oscillazione
palanca (f) de sector, sector (m) oscilante

3

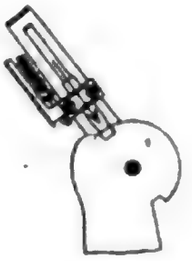
Schwingenstein (m)
rocker die
coulisseau (m) du levier oscillant

b

кулисный камень (m)
pietra (f) della leva oscillante
taco (m) del sector oscilante

4

Einschnappen (n) der Handfalle
engagement of the catch
enclanchement (m) de la manette



защёлкиваніе (n) рукоятки
arresto (m) nella toppa
enclavamiento (m) del fiador

5

---

die Falle schnappt ein
the catch engages
le verrou *ou* la manette s'enclanche *ou* s'engage

рукоятка (f) защёлкиваетъ
il paletto si arresta
el fiador se enclava

6

---

die Falle einklinken (v)
to let the catch engage
enclancher (v) la manette *ou* le verrou

опустить защёлку
arrestare (v) il paletto
enclavar (v) el fiador

7

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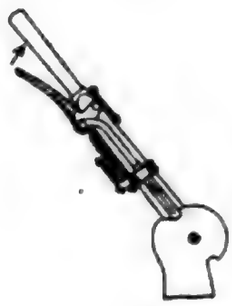
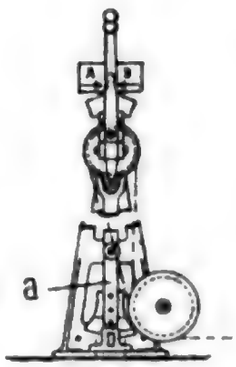
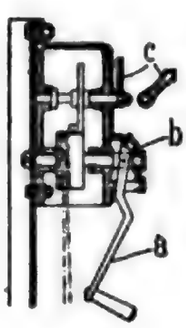
1	die Falle ausklinken (v) to disengage *or* release the catch, to raise the catch déclancher (v) la manette *ou* le verrou		открыть защёлку liberare (v) il paletto desenclavar (v) el fiador
2	Signalstellbock (m) mit Weichenverschluß locking frame for signal with point lock chevalet (m) de manœuvre de signal avec fermeture d'aiguillage		станокъ (m) для управленія сигналомъ съ замыканіемъ стрѣлки cavalletto (m) di manovra del segnale con chiusura degli aghi dello scambio caballete (m) de maniobra de las señales con cierre de las agujas
3	Schalthebel (m) F. P. L. lever, (facing point lock lever) levier (m) de commande	a	рукоятка (f) leva (f) di comando palanca (f) de maniobra
4	Kurbelsteller (m) crank lock commande (f) à manivelle		переводный воротъ (m); сигнальный воротъ comando (m) con manovella aparato (m) de maniobra por manivela
5	Kurbelkasten (m) box for lock boîte (f) de manivelle	a	коробка (f) для ворота cassetta (f) della manovella caja (f) de manivela
6	Signalkurbel (f) signal crank manivelle (f) de signal	 a	рукоятка (f) сигнальнаго ворота manovella (f) del segnale manivela (f) de señal
7	Abschlußkopf (m), Kurbelkopf (m) locking head pièce (f) de recouvrement	b	упоръ (m) testa (f) d'arresto pieza (f) de recubrimiento
8	Zeiger (m) pointer index (m)	c	указатель (m); стрѣлка (f) indice (m) indice (m)

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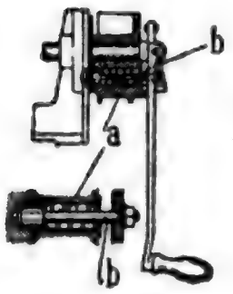
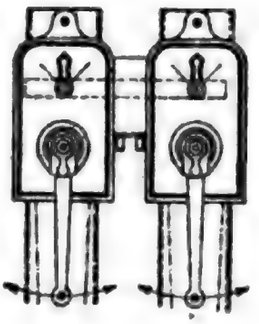
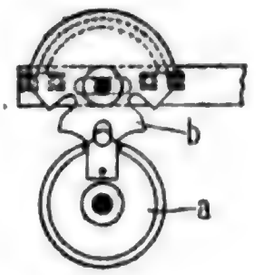
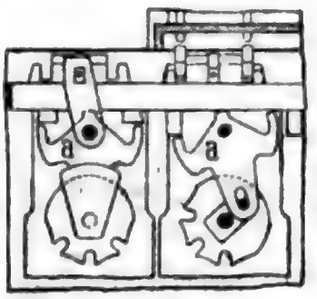
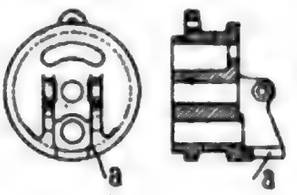
Einklinkfeder (f) click spring ressort (m) d'enclanchement	 a	пружина (f) защёлки molla (f) d'aggancia-mento resorte (m) ó muelle (m) de enclavamiento	1
Federbolzen (m) spring-bolt boulon (m) à ressort	b	пружинный болтъ (m) perno (m) della molla perno (m) de resorte	2
zweifacher Kurbelsteller (m) double crank lock commande (f) double à manivelle		двойной сигнальный воротъ (m) comando (m) a doppia manovella aparato (m) de maniobra de dos manivelas	3
selbsttätige Schiebersperre (f) automatic slide lock-gear commande (f) de la manivelle avec encliquetage automatique	 b a	автоматическая задвижка (f) comando (m) della manovella con arresto automatico mando (m) de la manivela con parada automática	4
Schaltrad (n), Schaltscheibe (f) notched disc rochet (m) de commande	b	замыкающій секторъ (m) ruota (f) di comando, disco (m) di comando rueda (f) de mando	5
Verschlußmulde (f) locking device balancier (m) *ou* auget (m) d'enclenchement	 a	замыкающее коромысло (n) bilanciere (m) ancla (f) de cierre, balancin (m) de parada	6
Mitnehmerleiste (f), Mitnehmerbacke (f) carrier fillet joue (f) d'entrainement	 a	планка (f) сцѣпленія guancia (f) d'arresto brida (f) de arrastre	7

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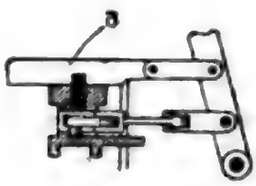
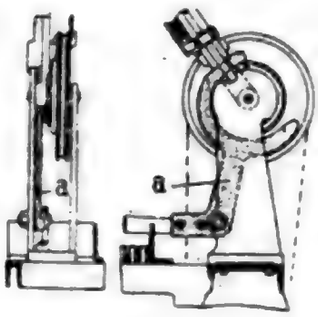
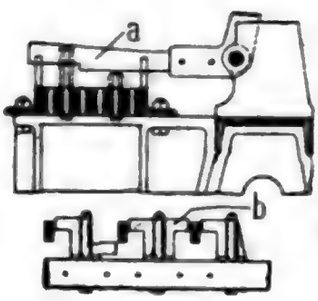
Querriegel (m), Verschlußbalken (m) tappet rod, cross locking bars (A) barre (f) (d'enclenchement) transversale	b	поперечная задвижка (f); поперечная замычка (f) sbarra (f) di chiusura trasversale barra (f) de [enclavamiento] transversal	1
Antriebwinkel (m) des Längsschiebers bell crank actuating locking bar renvoi (m) d'équerre de de la barre d'enclenchement, longitudinale	c	угловой рычагъ (m) продольной линейки squadra (f) di comando della sbarra longitudinale escuadra (f) de mando de la barra de [enclavamiento] longitudinal	2
Verschlußklinke (f), Schlußriegel (m) plunger verrou (m)	 a	замычка (f); замыкающій кулачокъ nottolino (m) cerrojo (m), pasador (m)	3
Verschlußschieber (m), Riegelschieber (m) notched tappet rod glissière (f) *ou* barre (f) d'enclenchement		замыкающая линейка (f) chiavistello (m) della sbarra, paletto (m) del catenaccio pestillo (m), corredera (f) de enclavamiento	4
Schieberschlitz (m), Schiebereinschnitt (m), Schieberkerbe (f) notch in tappet rod encoche (f) de la barre *ou* du verrou	a	вырѣзъ (m) въ линейкѣ tacca (f) del chiavistello muesca (f) del pestillo	5
Sperrhebel (m), Verschlußhebel (m) locking lever levier (m) d'enclenchement	 a	замыкающій *или* стопорный рычагъ (m) leva (f) di chiusura palanca (f) de enclavamiento	6
Verschlußelement (n), Verschlußkörper (m) locking wedge, lock, locking dog (A), locking piece taquet (m) d'enclenchement	 a, b	замыкающій органъ (m); замычка (f); кулачокъ (m) organo (m) di chiusura órgano (m) de cierre	7

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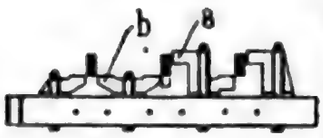
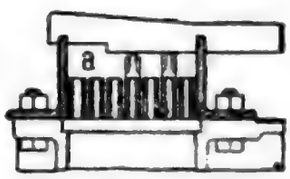
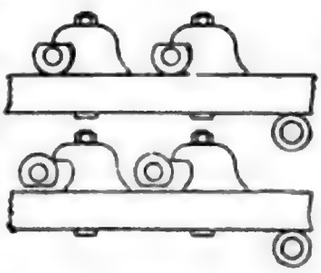
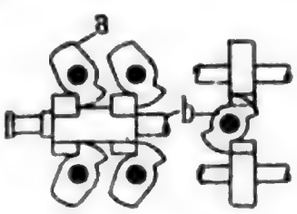
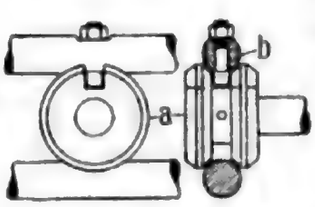
1	übergreifendes Verschlußelement (n) reach-over lock *or* locking dog (A) taquet (m) d'enclenchement à saillie	 a	перехватывающій замыкающій органъ (m) organo (m) di chiusura superiore órgano (m) de cierre saliente
2	unterkriechendes Verschlußelement (n) slide-under lock *or* locking dog (A) taquet (m) d'enclenchement sous-jacent	b	подхватывающій замыкающій органъ (m) organo (m) di chiusura inferiore órgano (m) de cierre inferior
3	Verschlußkasten (m) locking box boîte (f) des organes d'enclenchement	 a	ящикъ (m) *или* коробка (f) зависимости cassa (f) delle chiusure caja (f) de [los órganos de] cierre
4	Verriegelung (f) mit abgeplatteter Welle locking by means of flattened shaft enclenchement (m) avec arbre à méplat		замыканіе (n) сплюснутымъ валомъ chiusura (f) a catenaccio con albero appiattito enclavamiento (m) con árbol aplanado
5	Wellenverschluß (m) shaft locking enclenchement (m) à arbres		замыканіе (n) валомъ chiusura (f) ad albero enclavamiento (m) por árboles
6	Längswelle (f) longitudinal shaft arbre (m) longitudinal	a	продольный валъ (m) albero (m) longitudinale árbol (m) longitudinal
7	Querwelle (f) transverse *or* cross shaft arbre (m) transversal	b	поперечный валъ (m) albero (m) trasversale árbol (m) transversal
8	Verschlußscheibe (f), Querwellenscheibe (f) locking disc disque (m) d'enclenchement	 a	замыкающій дискъ (m) поперечнаго вала disco (m) di chiusura, disco (m) dell'albero trasversale disco (m) de enclavamiento
9	Verschlußstift (m), Langwellenstift (m) locking stud, stud on longitudinal shaft ergot (m) *ou* doigt (m) d'enclenchement	b	замыкающій штифтъ (m); штифтъ продольнаго вала coppiglia (f) di chiusura, coppiglia (f) dell'albero longitudinale pasador (m) de cierre
10	ein Verschlußstück einziehen (v) to insert a locking piece insérer (v) une pièce de fermeture, engager (v) une pièce d'enclenchement		вставить замыкатель introdurre (v) un pezzo di chiusura enganchar (v) una pieza de cierre *ó* de enclavamiento

Verschlußübersicht (f), Verschlußschema (n)
dog chart (A)
schéma (m) *ou* tableau (m) des enclenchements

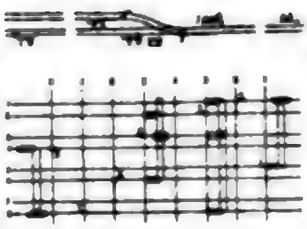
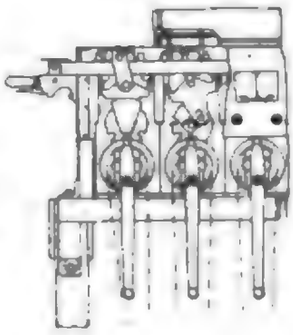


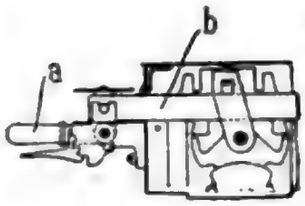
схема (f) замыканій
schema (m) di chiusura *o* schema (m) *o* diagramma di collegamento di chiusura
esquéma (m) *ó* tabla (f) de los enclavamientos *1*

Kurbelwerk (n) mit Fahrstraßenreihenfolge
crank locking frame with track succession
mécanisme (m) à manivelle pour parcours successifs



воротковый переводный приборъ (m) съ принудительнымъ соблюденіемъ послѣдовательнаго порядка маршрутовъ
meccanismo (m) a manovella per manovre successive
mecanismo (m) de manivela para direcciones sucesivas *2*

Fahrstraßenfestlegung (f), Fahrstraßenverriegelung (f)
track locking
verrouillage (m) du parcours



замыканіе (n) маршрута
arresto (m) della via *o* del tronco di linea
enclavamiento (m) del recorrido *3*

Fahrstraßenhebel (m)
track lever
levier (m) de parcours

a

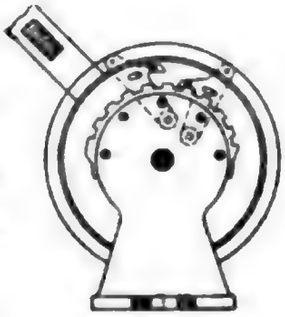
маршрутный рычагъ (m)
leva (f) di direzione
palanca (f) de recorrido *4*

Fahrstraßenschieber (m)
track slide bar
verrou (m) *ou* glissière (f) d'enclenchement du parcours

b

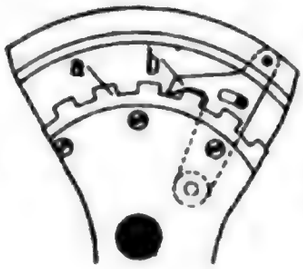
маршрутная линейка (f)
catenaccio (m) di direzione
cerrojo (m) de enclavamiento de recorrido *5*

Umschlagsperre (f), Hebelumstellsperre (f)
locking gear for preventing the jumping back of lever in case of break of wire
encliquetage (m) du levier à rabattement



застопоривающій приборъ (m) о *или* затворъ (m) перекиднаго рычага
arresto (m) della leva di inversione
trinquete (m) de la palanca de rotación *6*

Sperrzahn (m)
locking tooth *or* ratchet
dent (f) d'arrêt



a

замыкающій *или* задерживающій зубецъ (m)
dente (m) d'arresto
diente (m) de detención *ó* de parada *ó* de retenida *7*

Sperrkegel (m), Sperrklinke (f)
locking pawl
cliquet (m) d'arrêt

b

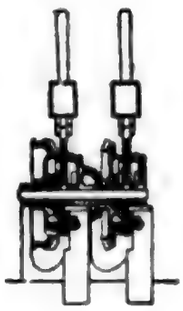
собачка (f)
nottolino (m) d'arresto
trinquete (m) de parada *ó* de cierre *8*

1 Einzelhebel (m), Einzelsteller (m)
single lever
levier (m) simple [pour simple signal]

ординарный рычагъ (m)
leva (f) semplice *o* per segnale semplice
palanca (f) sencilla *ó* para señal sencilla

---

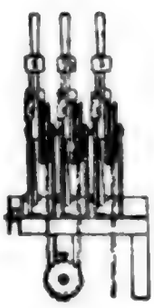
2 Doppelhebel(m),Doppelsteller (m), Zweisteller (m)
double lever
levier (m) double [pour double signal]



двойной *или* парный переводный рычагъ (m)
leva (f) doppia, leva (f) per segnale doppio
palanca (f) doble *ó* para transmisión de alambre doble

---

3 Dreisteller (m)
triple lever
levier (m) triple [pour triple signal]



тройной переводный рычагъ (m)
leva (f) tripla, leva (f) per segnale triplo
palanca (f) triple *ó* para transmisión de alambre triple

---

4 Aufschneidfeder (f)
spring for disengaging the coupling in case of forcing open the points
ressort (m) d'abordage par le talon

взрѣзная пружина (f)
molla (f) di apertura forzata [dello scambio]
resorte (m) *ó* muelle (m) de forzamiento

---

5 Tischstellvorrichtung (f)
table lever machine
appareil (m) d'enclenchement à leviers verticaux

переводный станокъ (m) съ вертикальными рычагами
disposizione (f) di banco di manovra *o* di comando con leve verticali
aparato (m) de enclavamiento con palancas verticales

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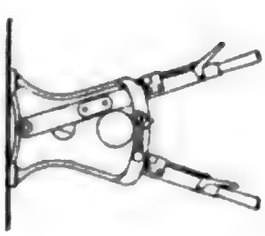
6 Wandstellvorrichtung(f)
wall lever machine
appareil (m) d'enclenchement à leviers horizontaux



переводный станокъ (m) съ горизонтальными рычагами; стѣнной переводный станокъ
disposizione (f) di manovra *o* di comando da poret. *o* leve orizzontali
aparato (m) de enclavamiento con palancas horizontales

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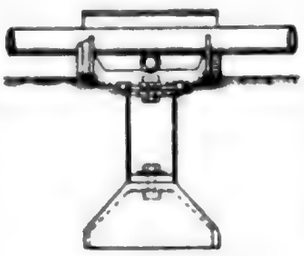
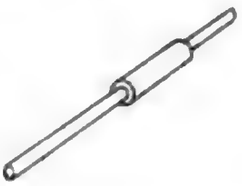
2. Stelleitung **Signal and Point Connections** **Transmission des manœuvres**		**Передача [къ сигналу]** **Transmissione di manovra** **Transmisión de maniobra**	*1*
Stellbewegung (f), Stellgang (m) movement of rodding (pipe line A) *or* signal wire manœuvre (f)		рабочій ходъ (m) передачи movimento (m) manovra maniobra (f)	*2*
Hubverlust (m) lost motion, backlash perte (f) de course		потеря (f) хода perdita (f) di corsa pérdida (f) de carrera	*3*
Leitungsbruch (m) break in line (of rods *or* wires) rupture (f) de transmission		обрывъ (m) проволоки rottura (f) della trasmissione rotura (f) de la transmisión	*4*
freiliegende *oder* oberirdische Leitung (f) line (of rods *or* wires) above ground transmission (f) à l'air libre		надземная *или* открытая передача (f) trasmissione (f) aerea, trasmissione (f) soprasuolo transmisión (f) aérea	*5*
verdeckte *oder* unterirdische Leitung (f) underground line (of rods *or* wires) transmission (f) souterraine		подземная *или* закрытая передача (f) trasmissione (f) coperta *o* sotterranea transmisión (f) subterránea	*6*
Gestängeleitung (f), Gestängezug (m), Stellgestänge (n) rodding, pipe line (A) transmission (f) rigide	 a	жёсткая передача (f) тягами trasmissione (f) rigida, trasmissione (f) per aste transmisión (f) rígida	*7*
volles Gestänge (n) solid rods tringle (f) massive *ou* pleine		массивная тяга (f) asta (f) piena varilla (f) maciza	*8*
Rohrgestänge (n) hollow rods, piping (A) tringle (f) tubulaire *ou* creuse		система (f) трубчатыхъ тягъ; трубчатыя тяги (f pl) asta (f) cava *o* tubolare varilla (f) tubular *ó* hueca	*9*
Gestängerohr (n) pipe, hollow rod tube (m) *ou* tige (f) creuse de transmission	a	трубка (f) передачи; трубчатая тяга (f) tubo (m) di trasmissione tubo (m) de transmisión	*10*
Gasrohr (n) gas tube, gas pipe tuyau (m) à gaz		газовая труба (f) tubo (m) per gas tubo (m) de gas	*11*

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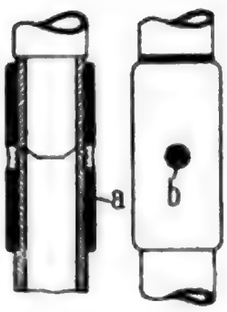
1 Gestängestoß (m)
rod joint
joint (m) de tringle

b

стыкъ (m) тяги
giunto (m) dell' asta
junta (f) de varillas

2 Muffenverschraubung (f)
sleeve joint
assemblage (m) à manchon fileté *ou* à douille filetée



соединеніе (n) муфтами
collegamento (m) a manicotto filettato
unión (f) por manguitos roscados, roscado (m) de manguitos

3 Rohrgestängemuffe (f), Stoßmuffe (f)
coupling sleeve
manchon (m) d'accouplement de tige creuse

a

муфта (f) трубчатой передачи; стыковая муфта
manicotto (m) per asta tubolare, manicotto (m) del giunto
manguito (m) de unión *ó* de junta para varillas huecas

4 Schauloch (n)
peep hole
regard (m)

b

смотровое отверстіе (n)
traguardo (m)
mirilla (f)

5 Einsatzpfropfen (m) des Rohrgestänges
pipe plug
bouchon (m) de tringle creuse

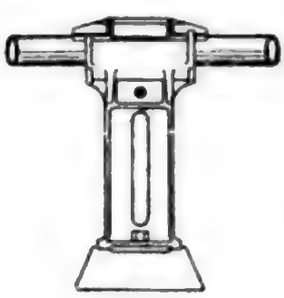
a

стыковая пробка (f) тяговыхъ трубокъ
tappo (m) d'innesto nel tubo *o* tubolare
tapón (m) de varilla hueca

6 U-Eisengestänge (n)
channel rodding
tringles (f pl) en U

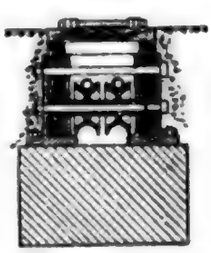
передача (f) тягами изъ коробчатаго желѣза
asta (f) tubolare in ferro ad U
varillas (f pl) en U

7 Gestängeführung (f)
Gestängelager (n)
rod carrier, pipe carrier, rod support
support (m) de tringle



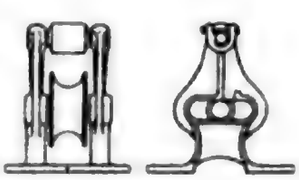
направляющія (f pl) передаточныхъ тягъ
guida (f) dell' asta, sopporto (m) dell' asta
guía (f) *ó* soporte (m) de la varilla

8 Tragrollenstuhl (m)
roller box, roller guide
support (m) à galets [porteurs]



опора (f) съ поддерживающими роликами
sedia (f) a rulli portanti
soporte (m) de las roldanas *ó* de los rodillos de soporte

9 Gestängelager (n) mit Schlitzlagerung der Rollenzapfen
antifriction pipe carrier (A), Charrington rollers
support (m) de galet à tourillon coulissant



антифрикціонная опора (f) тяги; опорный роликъ (m) съ подшипникомъ, катящимся въ кулиссѣ
sopporto (m) con metallo d'antifrizione dei rulli portanti
soporte (m) de roldana con pivotes oscilantes

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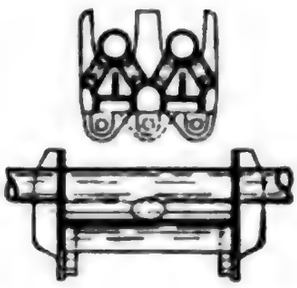
Kugellager (n), Kugelführung (f)
ball bearing
support (m) *ou* guide (m) à billes

шаровой *или* шариковый подшипникъ (m); подшипникъ съ шариками
sopporto (m) a sfere, guida (f) a sfere
soporte (m) *ó* guía (f) de bolas

1

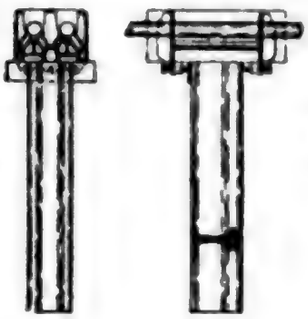
Walzenstuhl (m)
roller bearing
support (m) à rouleaux



опора (f) на каткахъ
sedia (f) a rulli
soporte (m) de rodillos

2

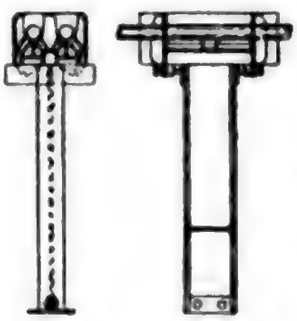
Schienenfundament (n)
foundation made of rails
support (m) en rails



рельсовая подставка (f)
fondazione (f) su rotaie
soporte (m) [hecho] de carriles

3

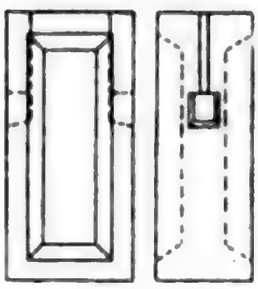
I-Eisen-Fundament (n)
H-iron foundation
support (m) en fers I



подставка (f) изъ двутавроваго желѣза
fondazione (f) su ferri a I
soporte (m) de hierros en I

4

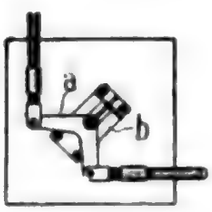
Betonfundament (n)
concrete foundation
support (m) en béton



бетонный фондаментъ (m)
fondazione (f) in calcestruzzo
soporte (m) de hormigón

5

Winkelpunkt (m), Gestängebrechpunkt (m)
crank point
renvoi (m), changement (m) de direction



точка (f) перелома перемѣны направленія тяги
punto (m) di rimando ad angolo retto
cambio (m) de dirección

6

Winkelhebel (m), Umlenkhebel (m)
crank
levier (m) coudé *ou* équerre (f) de renvoi

a

угловой рычагъ (m); отклоняющій рычагъ
squadra (f) d'inversione
palanca (f) acodada *ó* escuadra (f) de cambio de dirección

7

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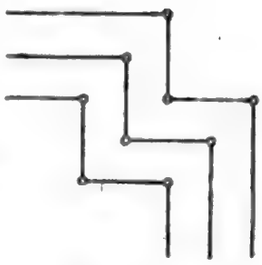
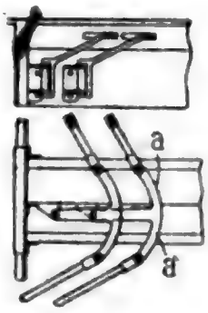
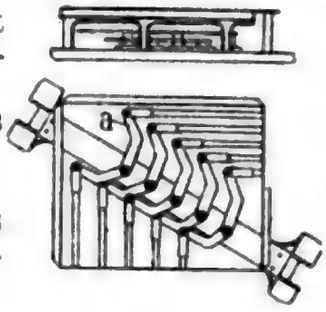
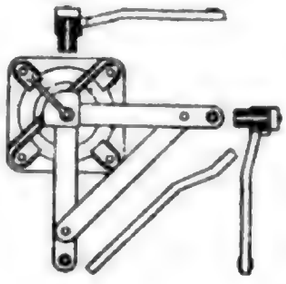
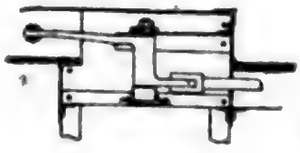
1 Grundplatte (f) base plate plaque (f) d'assise *ou* de fondation	b	фундаментная *или* основная плита (f) piastra (f) di base *o* di fondazione placa (f) de asiento *ó* de cimentación
2 Winkelgruppe (f) set of cranks groupe (f) d'équerres de renvoi		группа (f) тягъ съ точкой перелома направленія gruppo (m) di squadre, gruppo (m) di cambiamento di direzione grupo (m) de escuadras [de cambio de dirección]
3 Sensenhebel (m), Sichelhebel (m) bent crank levier (m) en forme de faucille		серпообразный рычагъ (m) leva (f) a falce palanca (f) en forma de media luna *ó* falciforme
4 Angriffschenkel (m) actuating arm branche (f) d'attaque	a	рабочее плечо (n) рычага braccio (m) d'attacco brazo (m) de impulsión, brazo (m) motor
5 Gruppenhebel (m pl) mit verschiedener Höhenlage group of cranks for rods at different levels leviers (m pl) d'un groupe dans des plans différents et de différentes hauteurs		групповые рычаги (m pl) на различныхъ уровняхъ leve (f pl) di un gruppo poste ad altezze differenti palancas (f pl) de un mismo grupo en diferentes planos y á distintas alturas
6 Bogenhebel (m) bent crank levier (m) courbé *ou* cintré	a	дугообразный рычагъ (m) leva (f) arcuata palanca (f) arqueada
7 Hebel (m) mit gekröpften Anschlußschenkeln crank with offset équerre (f) de renvoi à côtés coudés		рычагъ (m) съ колѣнчатыми плечами leva (f) con bracci di raccordo a gomito escuadra (f) con brazos acodados
8 Höhenhebel (m), Differenzhebel (m) crank with arms at different levels levier (m) à branches de différentes hauteurs		рычагъ (m) для передачи на различные уровни leva (f) a bracci a differente livello palanca (f) de brazos de nivel diferente *ó* palanca (f) de desviación

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Knickhebel (m)
curve crank, radial arm (A)
levier (m) pour renvoi d'angle

рычагъ (m) для перелома направленія
leva (f) deviasione
palanca (f) para cambio de dirección en ángulo

1

Ablenkstange (f)
deflecting bar
barre (f) de renvoi courbée

отклоняющая штанга (f)
guida (f) curva
barra (f) de cambio de dirección curvada

2

Gelenkstück (n), Angriffsgelenk (n)
screw jaw, turnbuckle
pièce (f) d'articulation

сочлененіе (n); рабочій шарниръ (m)
pezzo (m) d'articolazione, ginocchio (m) d'attacco
pieza (f) de articulación

3

gekröpftes Gelenkstück (n)
offset screw jaw
pièce (f) d'articulation coudée

колѣнчатый шарниръ (m)
pezzo (m) d'articolazione a gomito
pieza (f) de articulación acodada

4

Anschlußöse (f)
eyelet
piton (m) d'articulation

соединительное ушко (n)
occhiello (m) di collegamento
ojo (m) ó armella (f) de unión

5

Gestängegabel (f)
slotted jaw
fourchette (f) de tringle

вилочная тяга (f)
forchetta (f) dell'asta
horquilla (f) de la varilla

6

Versteifungsansatz (m) des Gestängeklobens
tang end
bout (m) plein *ou* tête (f) de la tringle

a

массивная вставка (f) въ мѣстѣ примыканія тяги
estremo (m) masficcio di rinforzo di un asta
extremo (m) macizo [de refuerzo] de una varilla

7

lotrechte Gestängeumlenkung (f)
change of rod-line *or* pipe run (A) from vertical to horizontal direction
changement (m) de direction vertical de la transmission rigide

переломъ (m) направленія тяги въ вертикальной плоскости
cambiamento (m) di direzione verticale della trasmissione
cambio (m) de dirección vertical de la transmisión rigida

8

Gestängeausgleichgewicht (n)
balance weight
contrepoids (m) compensateur de transmission rigide

a

противовѣсъ (m) для тяги
contrappeso (m) della trasmissione rigida
contrapeso (m) compensador de la transmisión rigida

9

a

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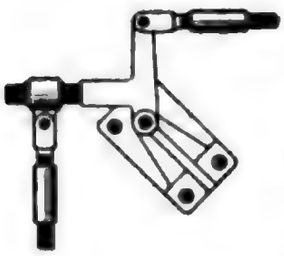
1 Nachstellwinkel (m)
adjustable crank
équerre (f) de réglage



регулирующій *или* установочный угольникъ (m)
squadra (f) di registro
escuadra (f) de regulación *ó* de ajuste

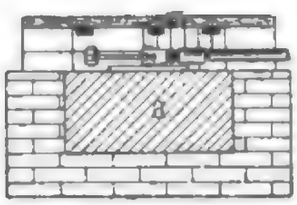
2 das Gestänge nachstellen (v)
to adjust the rodding *or* pipe line (A)
régler (v) la transmission rigide

установить *или* регулировать систему тягъ
registrare (v) la trasmissione rigida
graduar (v) *ó* ajustar (v) la transmisión

3 Winkelpunktunterstützung (f)
foundation for crank pedestal
support (m) d'équerre de renvoi

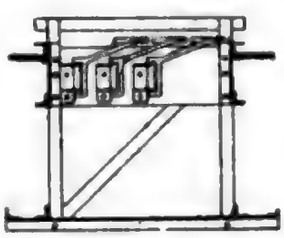
опора (f) углового колѣна
sostegno (m) delle squadre
apoyo (m) *ó* soporte (m) de la escuadra de cambio de dirección

4 Quaderunterstützung (f)
stone foundation
support (m) fixé sur maçonnerie



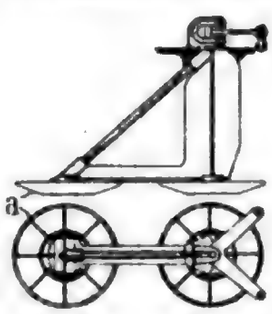
каменное основаніе (n); массивъ (m)
sostegno (m) in pietra
soporte (m) con cimentación

5 eiserne Winkelpunktunterstützung (f)
iron foundation
support (m) des équerres fixé sur charpente en fer



желѣзная опора (f) углового колѣна
sostegno (m) delle squadre in ferro
soporte (m) de las escuadras por medio de hierros en ángulo

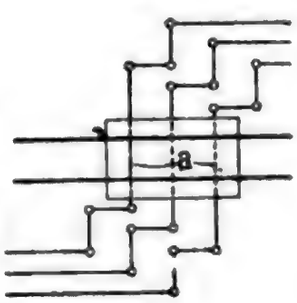
6 Erdteller (m)
dished ground plate
disque (m) *ou* rondelle (f) *ou* platine (f) de retenue



анкерная тарелка (f)
vaschetta (f)
platillo (m) de retenida enterrado

a

7 Durchschneidung (f) eines Gleises, Gleisdurchbruch (m)
track crossing
traversée (f) *ou* croisement (m) d'une voie



пересѣченіе (n) пути
attraversamento (m) d'un binario [colle leve di manovra]
cruzamiento (m) de una vía

8 Durchschneidungsgestänge (n)
rodding crossing the track
tringles (f pl) de croisement

a

тяги (f pl), пересѣкающія [путь]
asta (f) di attraversamento
varillas (f pl) de cruzamiento

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Gleisträger (m) rail bearer traverse (f)	a a	балка(f), поддерживающая рельсъ lungherone (m) porta binario traviesa (f) [porta-carril]	1
Durchschneidung (f) in Einzelgruppen crossing the track in groups croisement (m) en groupe simple		пересѣченіе (n) отдѣльными группами attraversamento (m) in gruppi semplici cruzamiento (m) en grupos independientes	2
Gleisbrücke (f) crossbearers under track passage (m) sous voie	a a	путевой мостикъ (m) ponte (m) del binario paso (m) de las varillas debajo de la via	3
hängendes Gestängelager (n) transverse *or* hanging pipe carrier support (m) de tringles suspendues		подвѣсная опора (f) для передаточныхъ тягъ sopporto (m) sospeso delle aste soporte (m) de varillas suspendidas	4
Gestängelager (n) mit Schienenklammer rail pipe support, rail clip pipe carrier support (m) de tringles attaché au rail		опора (f) для передаточныхъ тягъ, прикрѣпленная къ рельсу sopporto (m) di aste attaccato alla rotaia soporte (m) de las varillas sujeto al carril	5
Veränderung (f) der Gestängeteilung change in the spacing of rods changement (m) de distance entre les tringles		измѣненіе (n) группировки тягъ cambiamento (m) del passo tra le aste cambio (m) de la distancia entre las varillas	6
Einzelablenkung (f) change in direction of a single rod line déviation (f) simple	A	одиночное отвѣтвленіе (n) deviazione (f) unica desviación (f) única	7
Gestängedurchschneidung (f) rod crossing croisement (m) de tringles		пересѣченіе (n) тягъ incrocio (m) di aste di manovra cruzamiento (m) de las varillas	8
Gestängeschlaufe (f) slot in rod œil (m) *ou* mortaise (f) de tringle		вилка (f) для пропуска тяги finestra (f) dell'asta estribo (m) de varilla	9
Gabelhebel (m) forked lever levier (m) à fourchette		вильчатый *или* вилочный рычагъ (m) leva (f) a forchetta palanca (f) en horquilla	10

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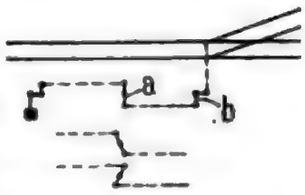
Wärmeausgleichhebel (m)
compensator
1 levier (m) compensateur de dilatation, levier (m) de compensation



рычагъ (m) для компенсированія [вліянія температуры]; уравнитель (m); компенсаторъ (m)
leva (f) compensatrice della dilatazione
palanca (f) compensadora de dilatación

Zwischenausgleichung (f)
2 intermediate compensator
compensation (f) intermédiaire

a

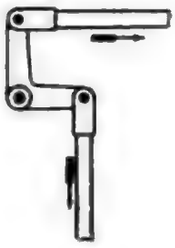
промежуточный уравнитель (m) *или* компенсаторъ (m)
compensazione (f) intermedia
compensación (f) intermedia

Endwinkel (m)
3 last crank
équerre (f) extrême

b

концевое колѣно (n)
squadra (f) estrema
escuadra (f) extrema

Ausgleichwinkelhebel (m)
4 bell-crank compensator
équerre (f) de compensation



уравнительный колѣнчатый рычагъ (m); колѣнчатый уравнитель (m)
leva (f) a squadra compensatrice
escuadra (f) compensadora

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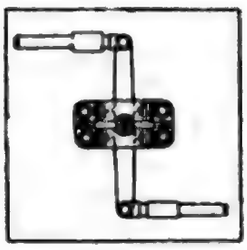
zweiarmiger gerader Ausgleichhebel (m)
5 straight-arm compensator
balancier (m) compensateur, levier (m) compensateur droit à deux bras



двуплечій прямой уравнительный рычагъ (m) *или* рычажный уравнитель (m)
bilanciere (m) compensatore, leva (f) compensatrice diritta a due braccia
balancín (m) compensador; palanca (f) compensadora recta de dos brazos

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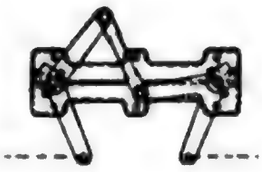
Ausgleichvorrichtung (f) für geradlinige Weiterführung des Gestänges
6 lazy jack (A)
compensateur (m) pour tringles en droite ligne



уравнитель (m) для прямолинейной тяги
compensatore (m) per aste diritte *o* per linee diritte
compensador (m) para varillas en línea recta

---

einteilige Zwischenausgleichung (f)
7 single intermediate compensator
mécanisme (m) de compensation (f) intermédiaire simple

простой промежуточный рычажный уравнитель (m)
compensazione (f) intermedia in un solo pezzo
[mecanismo (m) de] compensación (f) intermedia sencilla

---

mehrteilige Zwischenausgleichung (f)
8 multiple intermediate compensator
mécanisme (m) de compensation intermédiaire multiple

сложный промежуточный рычажный уравнитель (m)
compensazione (f) intermedia in più pezzi
[mecanismo (m) de] compensación (f) intermedia múltiple

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ausgeglichenes Gestänge (n)
rodding with compensator
transmission (f) rigide compensée

выравненная жёсткая передача (f) *или* тяга (f)
trasmissione (f) rigida compensata
transmisión (f) rígida compensada
1

---

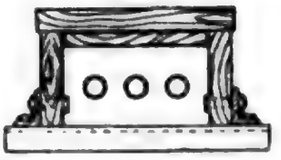
unausgeglichenes Gestänge (n)
rodding without compensator
transmission (f) rigide non compensée

невыравненная жёсткая передача (f) *или* тяга (f)
trasmissione (f) rigida non compensata
transmisión (f) rígida no compensada
2

Gestängekanal (m)
boxing-in
caniveau (m) de transmission rigide

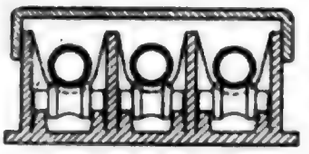
каналъ (m) для тягъ
cunicolo (m) della trasmissione rigida
badén (m) *ó* canal (f) de transmisión rígida
3

Holzkanal (m)
trunking
caniveau (m) en bois



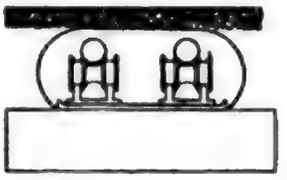
деревянный каналъ (m)
cunicolo (m) di legno
canal (f) *ó* badén (m) de madera
4

Gußkanal (m)
cast iron trough
caniveau (m) en fonte



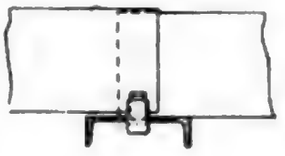
чугунный каналъ (m)
cunicolo (m) di ghisa
canal (f) de fundición
5

Blechkanal (m), Schutzrohr (n)
steel-plate conduit
caniveau (m) en tôle



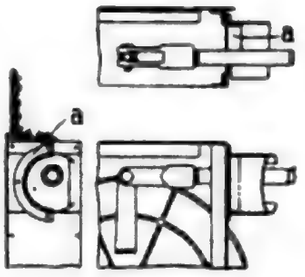
каналъ (m) изъ листового желѣза
cunicolo (m) in lamiera, cunicolo (m) a tubo
canal (f) de chapa, tubo (m) protector
6

Kanalschuß (m)
conduit section
tronçon (m) de caniveau



стыкъ (m) канала
tronco (m) di cunicolo
trozo (m) de canal
7

Kanalanschlußstück (n)
conduit joint
pièce (f) de raccordement du caniveau



a

присоединеніе (n) къ каналу
raccordo (m) di canaletto
pieza (f) de unión de la canal
8

Plattenabdeckung (f)
covering with plates
couverture (f) par plaques

перекрытіе (n) листами
copertura (f) con piastre
cubierta (f) de chapa *ó* de planchas
9

Betonkanal (m)
concrete channel
caniveau (m) en béton

бетонный каналъ (m)
cunicolo (m) in calcestruzzo
canal (f) de hormigón
10

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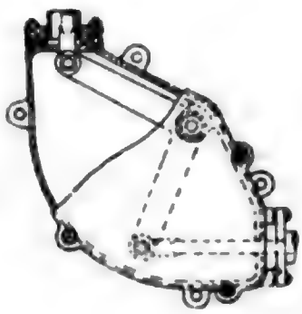
Rohrkanal (m) mit Ölfüllung
1 oil pipe
caniveau (m) tubulaire à remplissage d'huile

каналъ (m) для тягъ въ видѣ трубы, заполненный масломъ
canaletto (m) pel riempimento d'olio
canal (f) tubular llena de aceite

Umlenkkasten (m) mit Ölfüllung
2 oil crank box
caisson (m) de renvoi a remplissage d'huile

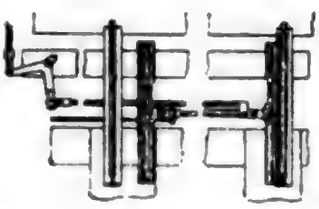


ящикъ (m) съ масломъ для точекъ перелома направленія тяги
cassone (m) di rinvio a riempimento d'olio
caja (f) de cambio de dirección llena de aceite

Weichengestänge (n)
3 point rodding
transmission (f) rigide d'aiguillage

жёсткая передача (f) къ стрѣлкамъ
trasmissione (f) rigida per scambi
transmisión (f) rígida para [la maniobra de] las agujas

Weichenanschluß (m)
4 connection to points
raccordement (m) d'aiguillage



сопряженіе (n) тягъ со стрѣлками; присоединеніе (n) стрѣлокъ
attacco (m) agli aghi
unión (f) de las agujas

Gestängegang (m)
5 movement of rodding
mouvement (m) des tringles

ходъ (m) тяги
movimento (m) della trasmissione
movimiento (m) de las varillas

Gestängewiderstand (m)
6 resistance of rodding
résistance (f) de la transmission rigide

сопротивленіе (n) передачи
resistenza (f) della trasmissione
resistencia (f) de la transmisión rígida

Leitungsstörung (f)
7 disturbance in rodding
dérangement (m) de la transmission

повреждение (n) передачи
sregolamento (m) della trasmissione
desarreglo (m) de la transmisión

Drahtleitung (f), Drahtzug (m)
8 signal wire (line)
transmission (f) par fil

проволочный проводъ (m); проволочная передача (f)
trasmissione (f) a filo metallico
transmisión (f) por alambre ó por cable ó funicular

---

einfacher Drahtzug (m)
9 single wire (line)
transmission (f) à fil unique

одиночный проволочный проводъ (m)
trasmissione (f) a un sol filo
transmisión (f) por alambre sencilla

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Doppeldrahtzug (m), doppelter Drahtzug (m)
double wire (line)
transmission (f) à double fil

двойной проволочный проводъ (m)
trasmissione (f) a doppio filo
transmisión (f) por alambre doble

1

Leitungsstrang (m)
wire line
brin (m) de transmission par fil

проводъ (m)
tratto (m) di fune di condotta
fila (f) de conductores

2

verzinkter Stahldraht (m)
galvanized steel wire
fil (m) d'acier étamé

лужёная стальная проволока (f)
filo (m) d'acciaio stagnato
alambre (m) de acero estañado

3

Lötstelle (f), Drahtstoß (m)
soldered joint
soudure (f) de fil

мѣсто (n) [с]пайки
saldatura (f) del filo, giunto (m) del filo
soldadura (f) del alambre

4

Lötpuppe (f), Wickelbund (m)
wire binding
ligature (f)

пайка (f)
saldatura (f), legatura (f)
ligadura (f)

5

Zinnmuffe (f)
tin sleeve
manchon (m) d'étain

оловянная муфта (f)
manicotto (m) di stagno
manguito (m) ó abrazadera (f) de estaño

6

Anschlußkloben (m), Doppeljungfer-Drahtöse (f)
double shackle wire eye
œil (m) *ou* boucle (f) double pour fil métallique

двойное соединительное ушко (n) изъ проволоки
occhio (m) doppio per filo metallico
ojo (m) doble para alambre

7

Drahtkuppelglied (n)
split link, coupling hook
anneau (m) fendu *ou* maillon (m) d'accouplement

огнивка (f)
gancio (m) d'attacco
anillo (m) hendido de acoplamiento

8

Einbindestelle (f)
splice point
point (m) de jonction du fil

точка (f) прикрѣпленія проволоки
punto (m) di collegamento del filo
punto (m) de unión del alambre

9

Drahtführungsrolle (f), Leitungsrolle (f)
wire pulley
galet-guide (m) de fil, poulie (f) de direction

ведущій роликъ (m) для проволоки
rullo (m) di guida del filo, rullo (m) di guida della trasmissione
polea (f) para guiar el alambre, polea (f) de dirección

10

1 Rollenständer (m), Rollenstütze (f), Leitungspfahl (m)
wire peg, stake
potelet (m) support de galet, potelet (m) de transmission

поддерживающій столбъ (m) для роликовъ
porta-rullo (m), sostegno (m) del rullo, montante (m) della trasmissione
porta-polea (m), porta-rodillo (m), porta-roldana (m), poste (m) soporte de poleas

---

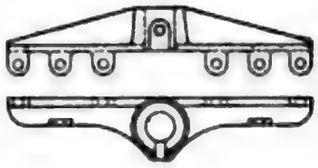
2 Rollengehäuse (n), Rollenbügel (m), Haube (f)
wire carrier
chape (f) de galet, étrier (m) de galet

a

обойма (f) роликовъ
custodia (f) del rullo, staffa (f) del rullo
estribo (m) de la polea, soporte (m) del rodillo

---

3 Querträger (m), Traverse (f)
bracket
traverse (f)



поперечная балка (f)
traversa (f)
traviesa (f) soporte

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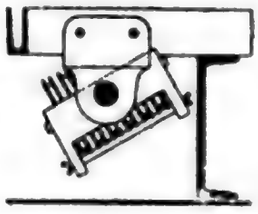
4 drehbares Rollengehäuse (n)
suspended wire carrier
chape (f) de galet oscillante



вращающаяся роликовая обойма (f)
custodia (f) girevole de rulli
caja (f) rotatoria para poleas

---

5 Gasrohrpfosten (m), Gasrohrständer (m)
peg *or* stake of gas pipe
potelet (m) *ou* poteau (m) en tuyau à gaz

столбикъ (m) изъ газовой трубы
montante (m) in tubo a gas
poste (m) de tubo de gas

---

6 Holzpfosten (m), Holzständer (m)
wooden peg *or* stake
potelet (m) *ou* montant (m) en bois

деревянный столбикъ (m)
montante (m) di legno
poste (m) de madera

---

7 Winkeleisenpfosten (m), Winkeleisenständer (m)
angle iron peg *or* stake
potelet (m) en fer cornière

столбикъ (m) изъ углового желѣза
montante (m) a cantonali
poste (m) de hierro en ángulo

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Drahtzugkanal (m) mit aufgesetztem Schachte
tube for wires with inspection box
caniveau (m) de transmission a fil avec regard rapporté

каналъ (m) для проволочной тяги съ насадкой для осмотра роликовъ
cunicolo (m) per trasmissione a filo con pozzo di visita sovrastante
canal (f) de transmisión por alambre con registro añadido ó caja de visita añadida

1

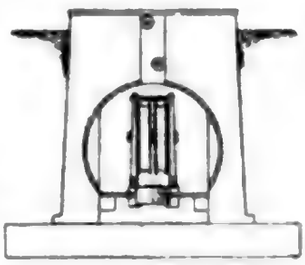
Prüfungskasten (m)
inspection box
boite (f) de visite

a

ящикъ (m) для осмотра; смотровой ящикъ (m)
cassetta (f) di visita
caja (f) de visita, registro (m)

2

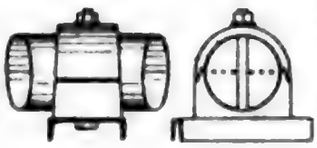
Drahtzugkanal (m) mit eingebautem Schachte
tube for wires with built-in inspection box
caniveau (m) de transmission à fil avec regard maçonné



каналъ (m) для проволочной тяги со вставленнымъ ящикомъ для осмотра роликовъ
cunicolo (m) per trasmissione a filo con pozzo di visita in muratura
canal (f) de transmisión por alambre con caja de visita en mamposteria

3

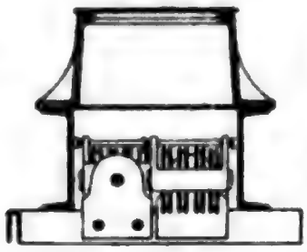
Kanalmuffe (f)
tube sleeve
manchon (m) de caniveau *ou* de conduite (f) tubulaire



муфта (f) канала
manicotto (m) del cunicolo
manguito (m) para la canal

4

Rollenkasten (m), Leitungstopf (m)
pulley *or* wheel box
boite (f) à galets



ящикъ (m) для [поддерживающихъ] роликовъ
cassetta (f) dei rulli
caja (f) de poleas

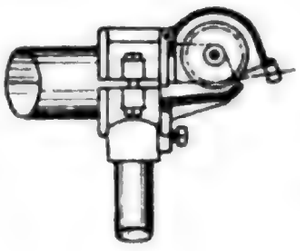
5

Drahtleitungsrohr (n), Rohrkanal (m)
wire-pipe
caniveau (m) tubulaire

труба (f) для защиты проволочной передачи
cunicolo (m) tubulare per il filo
canal (f) tubular

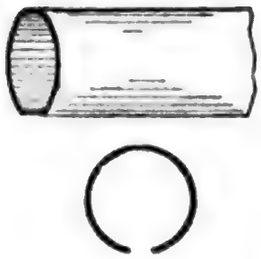
6

Rohrkopf (m)
outlet for wire from pipe
extrémité (f) *ou* tête (f) de tuyau



конецъ (m) трубы
estremità (f) *o* testa (f) del tubo
extremidad (f) ó cabeza (f) del tubo

7



1 Schlitzrohr (n)
split tube
tuyau (m) fendu

труба (f) съ прорѣзомъ
tubo (m) a fenditura
tubo (m) hendido

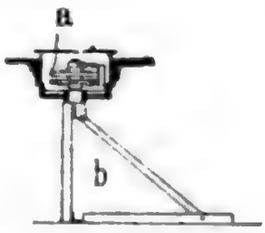
---

2 Stopfbüchse (f) der Drahtleitung
wire stuffing box
boite (f) à bourrage *ou* à garniture de la transmission

сальникъ (m) проволочной тяги
scatola (f) di riempimento della condotta
caja (f) de estopas *ó* de guarnición de la transmisión

---

3 Rollenumlenkung (f)
changing the direction of wire by means of a pulley
changement (m) de direction par poulies



переломъ (m) направленія проволочной тяги
cambiamento (m) di direzione con puleggie
cambio (m) de dirección por poleas

---

4 Umlenkrolle (f), Winkelrolle (f)
side wheel, corner pulley, chain wheel
poulie (f) de [changement de] direction

a

поворотный шкивъ (m)
puleggia (f) di cambiamento di direzione
polea (f) de cambio de dirección

---

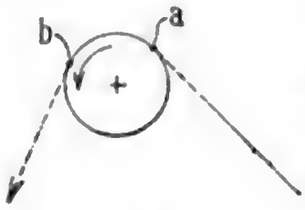
5 Winkelstuhl (m), Rollenbock (m), Rollengestell (n)
trussed peg
chevalet (m) porte-poulies

b

основаніе (n) поворотнаго шкива
sopporto (m) d'angolo
caballete (m) porta-poleas

---

6 Auflaufstelle (f)
run-on point
point (m) d'entrée



a

мѣсто (n) набѣганія
punto (m) di svolgimento
punto (m) de entrada *ó* arrollamiento

---

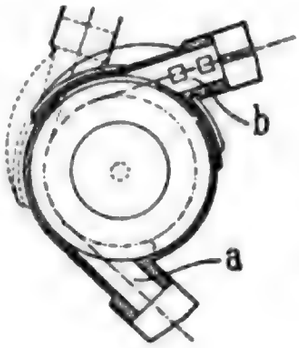
7 Ablaufstelle (f)
run-off point
point (m) de sortie

b

мѣсто (n) сбѣганія
punto (m) d'uscita dell'avvolgimento
punto (m) de salida *ó* de desarrollamiento

---

8 festes Drahteinführungsstück (n)
fixed wire-inlet branch
douille (f) d'entrée fixe du fil



a

неподвижная часть (f) для ввода проволоки
pezzo (m) d'entrata fisso del filo
pieza (f) de entrada fija para el alambre

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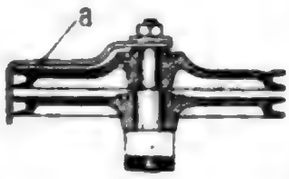
verstellbares Drahteinführungsstück (n)
adjustable wire-inlet branch
douille (f) d'entrée réglable du fil

b

подвижная часть (f) для ввода проволоки
pezzo (m) d'entrata regolabile del filo
pieza (f) de entrada graduable para el alambre

1

Drahtseilrolle (f)
pulley for stranded wire
poulie (f) pour câble métallique



поворотный шкивъ (m) для проволочнаго каната
puleggia (f) per fune metallica
polea (f) para cable metálico

2

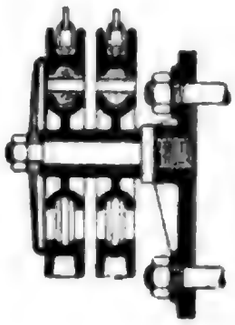
Drahtseilhalter (m)
stranded-wire holder
garde-câble (m)

a

скоба (f) для предупрежденія соскакиванія каната
guardia (f) della fune metallica
guarda-cable (m)

3

Kettenrolle (f)
chain pulley *or* wheel
noix (f), poulie (f) à chaine *ou* à empreintes



поворотный шкивъ (m) для цѣпи
puleggia (f) per catena
polea (f) para cadenas

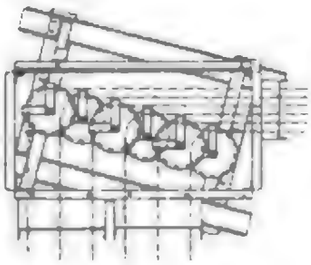
4

Schwenkrad (n)
swivel wheel
galet (m) pivotant

поворотный шкивъ (m)
rotella (f) girante su pernio
voldana (f) oscilante

5

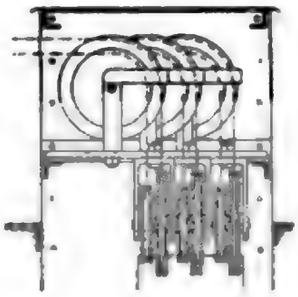
Umlenk[rollen]satz (m), Gruppenumlenkung (f)
set of wheels for changing direction of wire, group of chain wheels
groupe (m) de poulies de direction



система (f) поворотныхъ шкивовъ
gruppo (m) per cambiamento di direzione
juego (m) ó grupo (m) de poleas de cambio de dirección

6

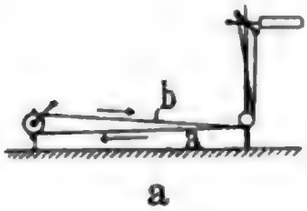
Auflenkrolle (f)
set of pulleys for raising level of wires
renvoi (m) de poulie (f) pour fil (de commande) à relever



вертикальный поворотный шкивъ (m); направляющій шкивъ [для перехода на другой уровень]
puleggia (f) per cambiamento di livello
polea (f) de elevación del nivel del alambre

7

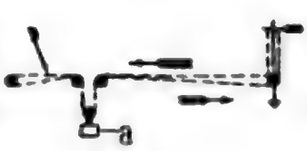
ziehender Draht (m), Zugdraht (m)
taut wire
fil (m) (de transmission) tendu



a

ведущій проводъ (m)
filo (m) di tensione *o* conduttore
alambre (m) tendido ó tirante

8

1	nachlassender Draht (m), Nachlaßdraht (m) slack wire fil (m) (de transmission) mou	b	ведомый проводъ (m) filo (m) condotto od allentato alambre (m) flojo
2	Schlaffwerden (n) *oder* Strecken (n) des Drahtes slacking of wire, stretching of wire relachement (m) du fil		ослабленіе (n) *или* растяженіе (n) проволоки allentamento (m) del filo aflojamiento (m) del alambre
3	Nachspannen (n) der Leitung tightening up the wire action (f) de retendre la transmission		подтягиваніе (n) провода ritensione (f) della trasmissione acción (f) de tensar *ó* templar la transmisión
4	Spannwerk (n), Drahtspanner (m), Spannvorrichtung (f) wire compensator tendeur (m) de fil, appareil (m) tendeur		компенсаторъ (m) для натяженія провода apparecchio (m) tenditore del filo [aparato (m)] tensor (m) de alambre *ó* de cable
5	Drahtspannschraube (f), Spannhülse (f) swivel screw, wire adjusting screw écrou (m) *ou* douille (f) de tendeur, ridoir (m)		стяжная муфта (f) vite (f) di tensione del filo manguo (m) roscado tensor para el alambre
6	Nachstellschraube (f) mit getrennten Hülsen adjusting device consisting of two turnbuckles vis (f) de réglage à douilles séparées		стяжная муфта (f) съ двумя петлями vite (f) regolatrice a manicotti separati tornillo (m) de graduación con abrazaderas separadas
7	Spannspindel (f) screw spindle vis (f) du tendeur	a	стержень (m) стяжной муфты asta (f) filettata tenditrice varilla (f) roscada de tensión
8	Drahtschlaufe (f), Wirbel (m) turnbuckle boucle (f) de fil	b	петля (f) стяжной муфты finestra (f) pel filo bucle (m) *ó* lazo (m) del alambre
9	selbstspannende Gewichtschleife (f) self-compensating loop with weight boucle (f) avec contrepoids tendeur		самодѣйствующее натяжное приспособленіе (n); автоматическое натяженіе (n) cappio (m) a peso per la tensione automatica del filo bucle (m) *ó* lazo (m) con contrapeso para la tensión automática del alambre

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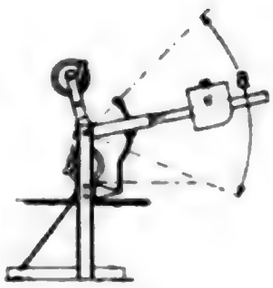
Spanngewicht (n) weight, counterweight contrepoids (m), poids (m) tendeur	a	натяжной грузъ (m) peso (m) tenditore, contrappeso (m) contrapeso (m), peso (m) tensor	1
Fallhöhe (f) des Spanngewichts height of drop of counterweight course (f) du levier *ou* arc (m) décrit par le levier du tendeur	 a	высота (f) паденія *или* вертикальный ходъ (m) груза altezza (f) di caduta *o* corsa (f) verticale dell'apparecchio tenditore carrera (f) vertical del aparato tensor	2
Reißweg (m) des Spannwerks working length of compensator longueur (f) parcourue par le tendeur en cas de rupture		ходъ (m) *или* игра (f) компенсатора при разрывѣ провода lunghezza (f) percorsa del tenditore in caso di rottura longitud (f) recorrida por el aparato tensor en caso de rotura	3
einteiliges Spannwerk (n) single wire compensator appareil (m) tendeur en une pièce		компенсаторъ (m) съ одной натяжной гирей apparecchio (m) tenditore in un pezzo aparato (m) tensor de una pieza	4
zweiteiliges Spannwerk (n) double wire compensator appareil (m) tendeur en deux pièces		компенсаторъ (m) съ двумя отдѣльными натяжными гирями apparecchio (m) tenditore in due pezzi aparato (m) tensor de dos piezas	5
Abwicklungsfähigkeit (f) der Drahtleitung uncoiling length of line longueur (f) de déroulement de la transmission par fil		способность (f) проволоки сматываться capacità (f) di svolgimento della condotta del filo longitud (f) de desarrollamiento de la transmisión por alambre	6
Ausgleichfähigkeit (f) des Spannwerks range of compensation pouvoir (m) compensateur de l'appareil tendeur *ou* action (f) compensatrice		предѣлъ (m) компенсирующей способности компенсатора capacità (f) di compensazione dell'apparecchio tenditore poder (m) compensador *ó* acción (f) compensadora del aparato tensor	7

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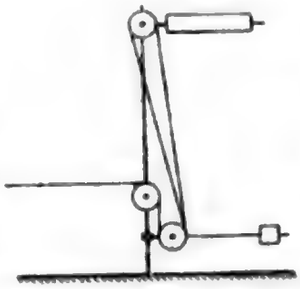
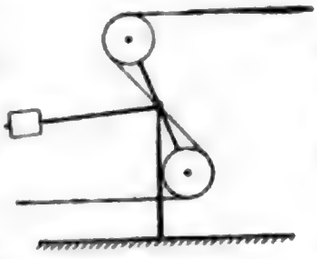
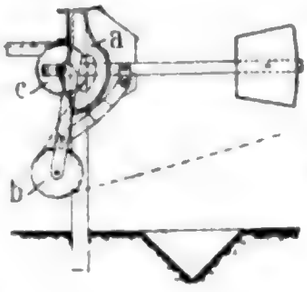
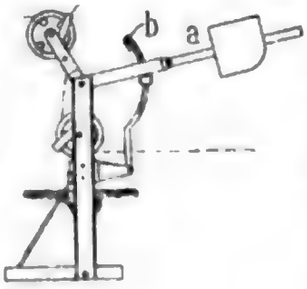
1	Spannwerk (n) am Signalmast compensator placed on signal post tendeur (m) de fil monté sur le poteau du signal		компенсаторъ (m) на сигнальной мачтѣ tenditore (m) del filo posto sull'albero del segnale tensor (m) de alambre montado sobre el poste de señales
2	Spannwerk (n) in der Leitung compensator in wire line tendeur (m) intercalé dans la transmission		путевой компенсаторъ (m) tenditore (m) intermedio tensor (m) intercalado en la transmisión
3	freistehendes Spannwerk (n) self-contained compensator [appareil (m)] tendeur indépendant		открытый компенсаторъ (m) apparecchio (m) tenditore indipendente aparato (m) tensor independiente
4	Spannwerkgerüst (n), Spannwerkgestell (n) compensator stand bâti (m) de l'appareil tendeur	a	рама (f) компенсатора armatura (f) dell'apparecchio tenditore armazón (m *ó* f) del aparato tensor
5	Spannrolle (f) tension pulley poulie (f) de tension	b	натяжной роликъ (m) puleggia (f) tenditrice polea (f) de tensión
6	Zuführungsrolle (f) guide pulley poulie-guide (f)	c	подводящій блокъ (m) *или* роликъ (m) puleggia (f) conduttrice polea (f) de conducción
7	Hebelspannwerk (n) lever compensator [appareil (m)] tendeur à levier		рычажный компенсаторъ (m) apparecchio (m) tenditore a leva aparato (m) tensor de palanca
8	Spannpendel (n), Spannhebel (m) compensator lever levier (m) tendeur	a	натяжной рычагъ (m) leva (f) del tenditore palanca (f) tensora
9	Sperrstange (f) locking bar barre (f) d'arrêt	b	упорная штанга (f) settore (m) di arresto barra (f) de parada *ó* de detención

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Hängegewicht (n)
suspended weight
poids (m) suspendu

подвѣсный грузъ (m)
peso (m) pendente *o* sospeso
peso (m) suspendido

1

a

Klemmvorrichtung (f)
gripping device
dispositif (m) de serrage

зажимное приспособленіе (n)
disposizione (f) d'arresto
disposición (f) de aprieto *ó* de presión

2

Drahtbruch (m)
breaking of wire
rupture (f) de fil

разрывъ (m) провода
rottura (f) del filo
rotura (f) del alambre

3

3. Signalantrieb
Signal-operating Mechanism
Commande des signaux

Механизмы у самаго сигнала
Comando del segnale
Accionamiento y maniobra de la señal

4

Signalantrieb (m) mit Leerlauf
signal-operating mechanism with idle running
commande (f) de signal avec marche à vide *ou* à blanc

приводъ (m) къ сигналу съ холостымъ ходомъ
comando (m) del segnale con corsa a vuoto
accionamiento (m) de la señal con marcha en vacío

5

Hubkurvenrolle (f), Bügelscheibe (f)
pulley with curved groove at side
poulie (f) à rainure *ou* coulisse

переводный шкивъ (m) съ каналомъ (улиткой); шкивъ-эксцентрикъ (m)
puleggia (f) a glifo
polea (f) con ranura de guía

6

a

Hubbügel (m), Hubkurve (f)
curved groove
rainure (f) commandant le levage

переводящая улитка (f) шкива; направляющій шпунтъ (m) шкива-эксцентрика
glifo (m) di sollevamento
ranura (f) de guía

7

gekuppelte Mastsignale (n pl)
coupled semaphore signals
signaux (m pl) sémaphoriques accouplés

спаренные семафорные сигналы (m pl)
segnali (m pl) semaforici accoppiati
señales (f pl) semafóricas acopladas

8

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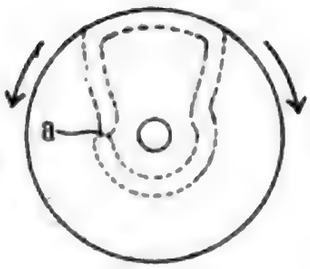
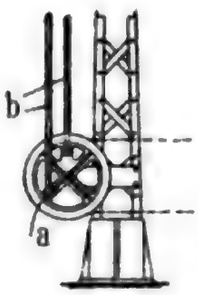
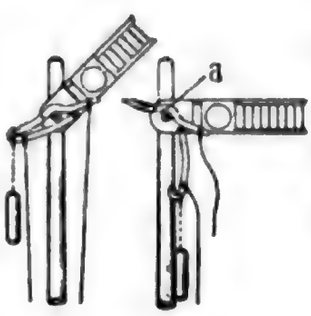
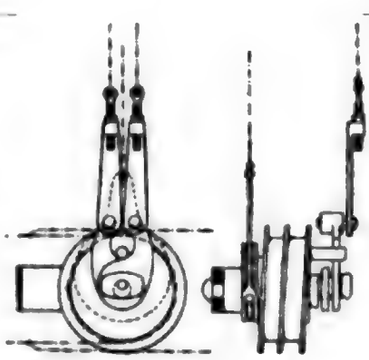
1	Festlaufstelle (f) catch point point (m) d'arrêt et d'entrainement		мѣсто (n) упора punto (m) di arresto punto (m) de parada ó de detención
2	Zapfenantriebrolle (f) driving pulley with pins poulie (f) de commande à goujons		переводный дискъ (m) съ пальцами puleggia (f) di comando polea (f) de mando ó de accionamiento con espigas
3	Stellzapfen (m) pin goujon (m) de commande	a	переводящій палецъ (m) perno (m) di manovra espiga (f) de accionamiento
4	Signalstellstange (f) signal rod tringle (f) de commande	b	переводящая штанга (f) asta (f) di comando varilla (f) de accionamiento
5	Drahtbruchsicherung (f) safety appliance for guarding against breakage of wire dispositif (m) de sûreté (f) contre la rupture de fils		предохранительное устройство (n) на случай обрыва тяги sicurezza (f) contro la rottura del filo aparato (m) de seguridad contra la rotura de los alambres
6	selbsttätige Signalsperre (f) automatic signal locking enclenchement (m) *ou* arrêt (m) automatique de signal		автоматическое застопориваніе (n) сигналовъ disposizione (f) automatica del segnale a fermata parada (f) automática de la señal
7	Sicherheitshebel (m) safety lever levier (m) de sûreté	a	предохранительный рычагъ (m) leva (f) di sicurezza palanca (f) de seguridad
8	Hakentrommel (f) hook drum tambour (m) à crochets		рычажный барабанъ (m); клещевой барабанъ tamburo (m) ad uncini tambor (m) con ganchos

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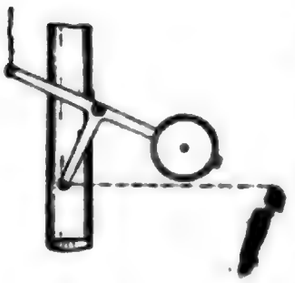
Signalrückstellhebel (m)
balance lever on signal post
levier (m) de rappel de signal



балансиръ (m) на семафорной мачтѣ
leva (f) di richiamo del segnale
palanca (f) de inversión de la señal

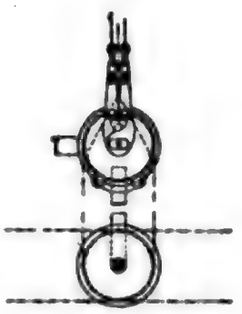
1

Vorscheibenanschluß (m), Anschluß (m) des Vorsignales
connection with advance disc signal
raccordement (m) de signal avancé

присоединеніе (n) передового сигнала
raccordo (m) del segnale avanzato
unión (f) de la señal adelantada ó avanzada

2

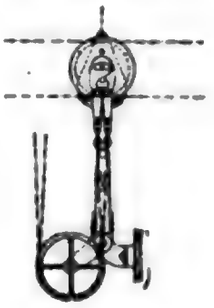
hängendes Pendel (n)
suspended pendulum
poulie (f) suspendue, pendule (m) suspendu



висячій маятникъ (m)
pendolo (m) sospeso
péndulo (m) suspendido

3

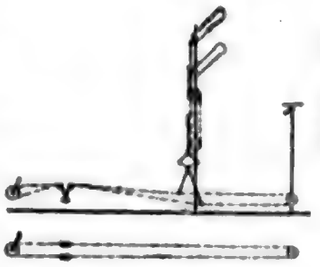
stehendes Pendel (n)
upright pendulum
pendule (m) retourné



стоячій маятникъ (m)
pendolo (m) verticale
péndulo (m) inverso

4

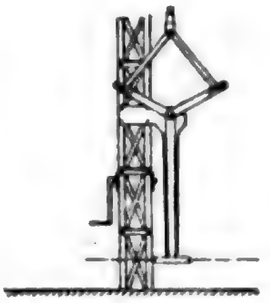
durchlaufende Leitungsanordnung (f)
continuous wire arrangement
transmission (f) [par fil] continue



сквозной передаточный проводъ (m)
trasmissione (f) continua
disposición (f) de transmisión [de alambre] continua

5

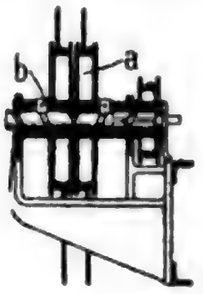
Scherenhebelantrieb (m)
tongs actuating mechanism
commande (f) par leviers croisés



ножничный рычажный приводъ (m); приводъ сложнымъ рычагомъ
comando (m) con leve incrociate
mando (m) ó accionamiento (m) por palancas cruzadas

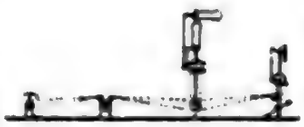
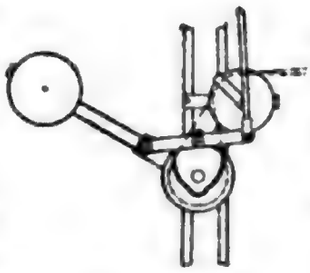
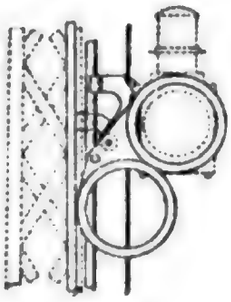
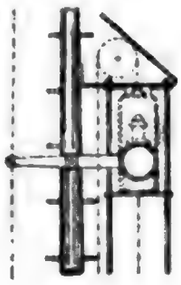
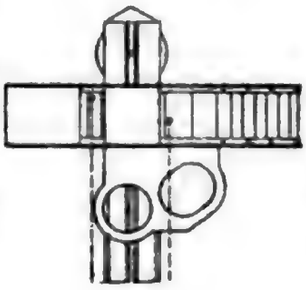
6

Schneckenantrieb (m), Antrieb (m) mit Wendegetriebe
worm driving
commande (f) par rainure hélicoïdale



червячный приводъ (m)
comando (m) con vite perpetua
mando (m) ó accionamiento (m) por ranura helicoidal

7

1	zweirollige Stellscheibe (f) double-disc operating sheave poulie (f) de manœuvre à deux flasques *ou* joues	a	переводный двойной шкивъ (m) puleggia (f) di manovra con due rotelle polea (f) de maniobra de doble garganta
2	Stellbacken (m) operating cheek joue (f) de règlage	b	переводный вкладышъ (m) ganascia (f) di manovra brida (f) de ajuste
3	getrennte Leitungsschleifen (f pl) separated wire loops transmission (f) double *ou* à double tendeur *ou* compensateur		отдѣльныя передаточныя петли (f pl) trasmissioni (f pl) separati transmisión (f) doble
4	Fallgewicht (n) an der Vorscheibe balance weight on advance disc signal contrepoids (m) de rappel du disque avancé		противовѣсъ (m) на передовомъ сигнальномъ дискѣ contrappeso (m) al disco avanzato contrapeso (m) del disco avanzado
5	mit dem Einfahrsignal gekuppeltes Ausfahrvorsignal (n) advance starting signal coupled with home signal signal (m) de sortie accouplé avec le signal avancé d'entrée		передовой выходной *или* выпускной сигналъ (m), съ входнымъ на общей мачтѣ segnale (m) di uscita collegato col segnale di entrata señal (f) avanzada de salida acoplada con la de entrada
6	Blendrahmen (m), Brille (f) spectacles transparent (m), écran (m)		щитокъ (m) telaio (m) coprilume transparente (m) [con marco]
7	am Maste drehbar gelagerter Blendrahmen (m) spectacles pivoted on signal post transparent (m) *ou* écran (m) pivotant sur le mât		щитокъ (m), вращающійся на мачтѣ telaio (m) coprilume imperniato sull'albero transparente (m) *ó* pantalla (f) giratorio (a) montado (a) sobre el poste
8	am Signalarm befestigter Blendrahmen (m) spectacles fixed to signal arm transparent (m) *ou* écran (m) fixé sur le bras du signal		щитокъ (m), укрѣплённый на крылѣ telaio (m) fissato al braccio del segnale transparente (m) *ó* pantalla (f) fijo (a) sobre el brazo de la señal

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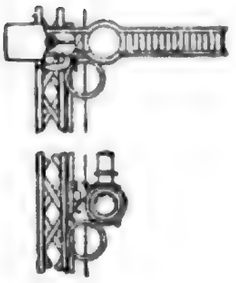
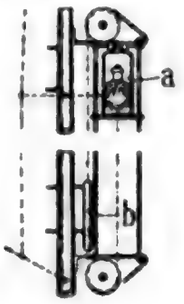
herablaßbare Blende (f)
slide-down spectacles
écran (m) à inclinaison



спускное очко (n)
telaio (m) coprilume a declivio
pantalla (f) de inclinación

1

Laternenaufzug (m)
lamp hoist
appareil (m) de levage de lanterne



подъёмный механизмъ (m) фонаря
sollevamento (m) del fanale
ascensor (m) para linternas

2

Laternenschlitten (m), Laternenstuhl (m)
lamp cradle
support (m) *ou* cage (f) de la lanterne

a

салазки (fpl) фонаря
sedia (f) portafanale, sopporto(m) del fanale
caja (f) de la linterna

3

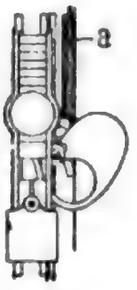
Ausgleichgewicht (n) des Laternenaufzugs
counterweight of lamp hoist
contrepoids (m) de l'appareil de levage de la lanterne

b

противовѣсъ (m) фонаря
contrappeso (m) dell'apparecchio di sollevamento del fanale
contrapeso (m) del ascensor

4

Anschlagstange (f)
contact rod
tringle (f) de butée

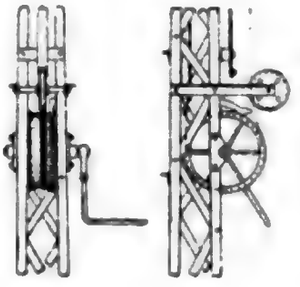


a

упоръ (m)
asta (f) d'arresto
varilla (f) de tope

5

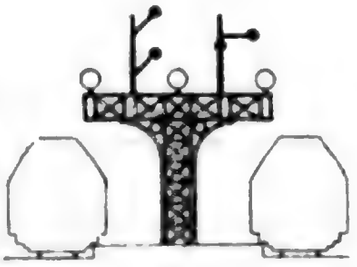
Laternenwinde (f)
lamp winch
treuil (m) pour lanterne



воротъ (m) для подъёма фонаря; фонарный воротъ
arganello (m) del fanale
torno (m) para la linterna

6

Signalständer (m)
double-bracket signal post
double (adj) potence à signaux



сигнальная стойка (f)
montante (m) del segnale
montante (m) para señales

7

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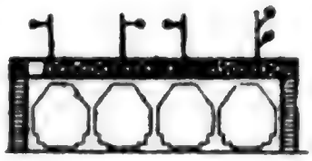
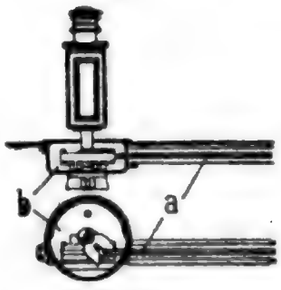
einseitiger Signalständer (m) 1 cantilever bracket post mât (m) sémaphorique à console		односторонняя сигнальная стойка (f) semaforo (m) ad un braccio ad aletta poste (m) semafórico de consola
Signalbrücke (f) 2 signal bridge passerelle (f) à signaux		сигнальный мостъ (m) passerella (f) dei segnali puente (m) para señales
4. Weichensicherung 3 **Point Locking** **Blocage des aiguilles**		**Замыкающіе аппараты** **Blocco degli scambi** **Enclavamiento de las agujas**
Weichenantrieb (m) 4 point operating gear commande (f) d'aiguille		приводъ (m) стрѣлки manovra (f) di scambi accionamiento (m) ó mando (m) de la aguja
Laternenstellvorrichtung (f) 5 ground disc operating gear appareil (m) de manœuvre de lanterne		переводный механизмъ (m) для сигнальныхъ фонарей apparecchio (m) di manovra del fanale aparato (m) de maniobra de la linterna
Laternengestänge (n) 6 rodding for working ground disc ensemble (m) des tringles de lanterne	a	тяги (f pl) къ сигнальному фонарю asta (f) del fanale sistema (m) de varillas para la linterna
Laternenteller (m) 7 ground disc turning ring disque (f) de commande de la lanterne	b	фонарный шкивъ (m) coppa (f) del fanale platillo (m) para la linterna
Weichenverriegelung (f) 8 point locking verrouillage (m) de changement de voie, verrouillage (m) d'aiguille, enclenchement (m) d'aiguille		замыканіе (n) стрѣлки fissazione (f) di fermascambio enclavamiento (m) de la aguja ó para cambio de via
die Weiche verriegeln (v) 9 to lock the points *or* the switch (A) verrouiller (v) l'aiguille		замкнуть стрѣлку fermare (v) lo scambio mediante il catenaccio, serrare (v) il catenaccio dello scambio enclavar (v) la aguja
Entriegelung (f) der Weiche 10 to release the points *or* the switch (A) déverrouillage (m) de l'aiguille		размыканіе (n) стрѣлки liberazione (f) dello scambio, aprire (v) il catenaccio dello scambio desenclavamiento (m) de la aguja

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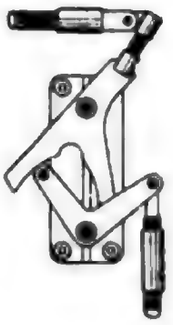
Weichenspitzenverschluß (m), Spitzenverschluß (m)
point lock
verrou (m) *ou* balancier (m) de calage pour aiguilles

замыкатель (m) стрѣлочныхъ остряковъ; стрѣлочный замокъ (m); [стрѣлочный замыкатель] 1
chiusura (f) di punta dello scambio
balancín (m) de cierre [de punta] para aguja

Weichenspitzenverschluß (m) mit Endausgleichung
point lock with end compensator
balancier (m) de calage pour fermeture et verrouillage de l'aiguille



замыкатель (m) стрѣлочныхъ остряковъ съ компенсаціей конца тяги
chiusura (f) di punta dello scambio con compensatore d'estremità 2
cerrojo (m) de punta de aguja con compensación en el extremo

---

aufschneidbarer Spitzenverschluß (m)
trailable point lock
balancier (m) de calage permettant le prise en talon de l'aiguille

взрѣзной замыкатель (m) стрѣлочныхъ остряковъ
chiusura (f) tallonabile della punta degli aghi 3
cierre (m) de la punta de aguja que permite la apertura forzada

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Innenverriegelung (f), Stützverriegelung (f)
inside locking
verrouillage (m) au moyen de butées intérieures

замыканіе (n) внутри стрѣлки; внутреннее замыканіе
chiusura (f) interna a catenaccio 4
enclavamiento (m) de topes interiores

Verschlußfläche (f), Stützfläche (f)
locking face
surface (f) de butée

a

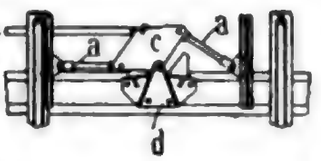
плоскость (f) замыканія
superficie (f) di chiusura 5
superficie (f) de cierre [completo]

Anlauffläche (f)
butting face
surface (f) de roulement

b

плоскость (f) набѣганія
superficie (f) d'appoggio 6
superficie (f) de apoyo *o* de rodadura

Spitzenverschluß (m) mit geteilten Zungenangriffstangen und Zwischengelenken, Gelenk[weichen]schloß (n)
toggle joint point lock
verrou (m) d'aiguille *ou* balancier (m) de calage avec tringles d'attaque d'aiguille séparée et articulations intermédiaires, verrou (m) [d'aiguilles] à articulation



замыкатель (m) стрѣлочныхъ остряковъ съ раздѣльными тягами и промежуточными сочлененіями; шарнирный замыкатель
chiusura (f) di punta mediante aste d'attacco degli aghi divisi ed articolazioni intermedie, fermascambio (m) articolato 7
cerrojo (m) de punta con varillas separadas para el mando de las agujas y con articulaciones intermedias, cerrojo (m) de articulación [para agujas]

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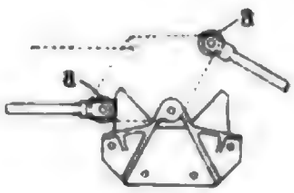
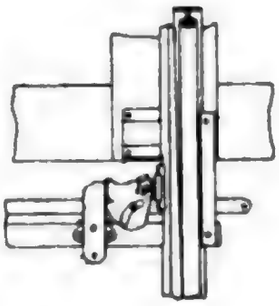
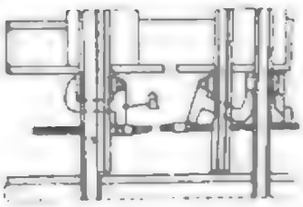
1	Zungenangriffstange (f) stretcher rod, head rod (A) tringle (f) *ou* bielle (f) d'attaque d'aiguille	a	тяга (f) къ остряку asta (f) d'attacco degli aghi varilla (f) *ó* barra (f) de mando de la aguja
2	Stellplatte (f) pivot plate levier (m) *ou* balancier (m)	c	переводная плита (f) piastra (f) di manovra placa (f) de maniobra
3	Gußbock (m), Lagerbock (m) pivot casting support (m) du tourillon	d	чугунный башмакъ (m) scatola (f) della leva di manovra marmita (f)
4	Verschlußröllchen (n) closing roller galet (m) de verrou	 a	замыкающій роликъ (m) rotelle (f pl) di chiusura roldana (f) de cierre
5	Spitzenverschluß (m) mit durchgehender Verbindungsstange, Außenverriegelung (f) outside locking verrou (m) *ou* balancier (m) de calage avec barre de raccordement traversante		замыкатель (m) стрѣлочныхъ остряковъ со сквозной соединительной тягой chiusura (f) di punta con asta di raccordo traversante cerrojo (m) de punta con varilla de unión transversal
6	Klappenverschluß (m) flap point-locking device calage (m) à came		створчатый замыкатель (m) fermascambio (m) a nottolino cierre (m) con leva
7	Hakenweichenschloß (n), Zugklinkenverriegelung (f) hook point-locking device verrou (m) d'aiguille à crochet		крючковый замыкатель (m) fermascambio (m) ad uncino cerrojo (m) de gancho para aguja
8	Verschlußhaken (m) locking hook crochet (m) de verrou	a	замыкающій крюкъ (m) gancio (m) di chiusura gancho (m) de cerrojo
9	senkrecht schwingendes Hakenschloß (n) vertically swinging hook lock crochet (m) de verrou à oscillation verticale		вертикальный крючковый замыкатель (m) fermascambio (m) ad uncino oscillante verticalmente cerrojo (m) de gancho de oscilación vertical

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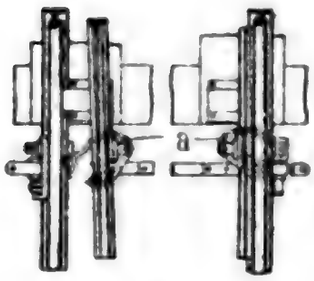
Verschlußklammer (f)
locking clamp
agrafe (f) de verrou

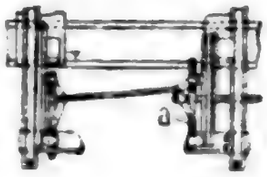


a

замыкающая скоба (f)
fermaglio (m) di chiusura
grapa (f) de cierre

1

Riegelbolzen (m)
locking bolt
boulon (m) de verrouillage



a

запорный болтъ (m)
chiavarda (f) del catenaccio
perno (m) ó pasador (m) de enclavamiento

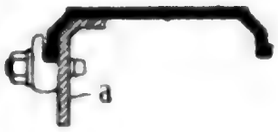
2

Verschlußweg (m)
locking path
course (f) du verrou

полный ходъ (m) на замыканіе
corsa (f) del catenaccio
carrera (f) del cerrojo

3

Verschlußschwelle (f)
locking sleeper, locking cross-tie (A)
traverse-support (f) du verrou



запорная поперечина (f)
traversa (f) porta fermascambio
traviesa (f) de apoyo del cierre

4

Stehblech (n), Schotterblech (n)
vertical plate
tôle (f) verticale

a

вертикальный листъ (m)
lamiera (f) verticale
chapa (f) ó plancha (f) vertical

5

Leerlauf (m) der Stellleitung
slack of operating rodding
course (f) à vide du balancier de calage

a

мёртвый ходъ (m) переводныхъ рычаговъ
giuoco (m) delle aste di manovra
carrera (f) en vacio de las varillas de maniobra

6

Rückwirkung (f) auf das Stellwerk
reaction on lever frame
réaction (f) sur le mécanisme de manœuvre

обратное дѣйствіе (n) на рычагъ центральнаго прибора
reazione (f) sul meccanismo di manovra
reacción (f) sobre el mecanismo de maniobra

7

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aufschneidbarer Weichenhebel (m)
trailable point lever
levier (m) d'aiguille abordable par le talon

взрѣзной стрѣлочный рычагъ (m)
leva (f) di scambio tallonabile
palanca (f) de la aguja de apertura forzada

8

Aufschneideeinrichtung (f)
arrangement for making points trailable
disposition (f) permettant la prise par le talon

взрѣзное приспособленіе (n)
dispositivo (m) di tallonamento degli aghi
disposición (f) que permite la apertura forzada de la aguja

9

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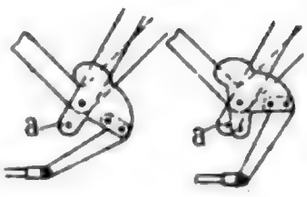
Aufschneidefähigkeit (f)
trailability
1 possibilité (f) d'ouverture [par abordage] par le talon

способность (f) подвергаться взрѣзыванію; взрѣзываемость (f)
tallonabilità (f), possibilità (f) d'apertura forzata
posibilidad (f) de una apertura forzada

Abscherstift (m), Bruchstift (m), Abscherbolzen (m)
2 shearing stud
goupille (f) de cisaillement *ou* de rupture



a

взрѣзной болтикъ (m)
caviglia (f) di sicurezza
clavija (f) de corte *ó* de ruptura *ó* rotura

---

den Stellhebel wieder einrücken (v)
to re-engage *or* to insert the operating lever
3 réengager (v) le levier de manœuvre, réenclencher (v) le levier de manœuvre

снова включить [взрѣзанный] стрѣлочный рычагъ (m)
richiamare (v) la leva di manovra
montar (v) *ó* fijar (v) de nuevo la palanca de maniobra

Rückstellschlüssel (m), Einrückschlüssel (m), Einrückhebel (m)
4 re-engaging key, resetting key *or* lever
clé (f) de rappel *ou* de réenclanchement

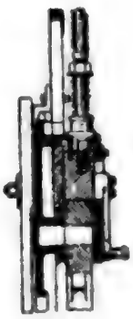
ключъ (m) для включенія [взрѣзаннаго рычага]
chiave (f) per richiamo, leva (f) di richiamo
llave (f) de embrague

---

zwangläufige Verschlußbewegung (f)
5 guided locking movement
mouvement (m) de fermeture solidarisé

принудительное замыкающее движеніе (n)
movimento (m) di chiusura solidale
movimiento (m) de cierre solidario *ó* forzado

Verschlußbewegung (f) durch Federwirkung
6 locking movement actuated by spring
mouvement (m) de verrouillage par ressort



ходъ (m) на замыканіе отъ дѣйствія пружины
movimento (m) di chiusura per mezzo di molla
movimiento (m) de cierre por resorte *ó* muelle

Auslösung (f) des Stellhebels
7 unlocking *or* releasing the point lever
déclanchement (m) du levier de manœuvre

расцѣпленіе (n) переводнаго рычага
liberazione (f) della leva di manovra
desenclavamiento (m) de la palanca de maniobra

Auslösevorrichtung (f)
8 unlocking *or* releasing mechanism
déclancheur (m), appareil (m) de déclanchement

приспособленіе (n) для расцѣпленія
disposizione (f) di liberazione
aparato (m) de desenclavamiento

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Bahntelegraphen, Fernsprecher und Läut[e]werke

Railway Telegraphs and Telephones

Installations télégraphiques, téléphoniques et signaux acoustiques des chemins de fer

Желѣзнодорожные телеграфы, телефоны и колокола

Telegrafi ferroviari, telefoni ed apparecchi di soneria *1*

Instalaciónes telegráficas, telefónicas y señales acústicas de los ferrocarriles

Bahntelegraph (m)
railway telegraph
télégraphe (m) du chemin de fer

желѣзнодорожный телеграфъ (m)
telegrafo (m) ferroviario *2*
telégrafo (m) del ferrocarril

Telegraphenleitung (f)
telegraph line
ligne (f) télégraphique

телеграфная линія
linea (f) telegrafica *3*
línea (f) telegráfica

Zugmeldeleitung (f)
train signalling line
ligne (f) [télégraphique] pour l'annonce des trains

телеграфная линія (f) для подачи путевыхъ депешъ
soneria (f) annunziatreni *4*
línea (f) telegráfica para el anuncio de los trens

Bezirksleitung (f)
district line
ligne (f) [télégraphique] de district *ou* de section

телеграфная линія (f) участка
condottura (f) (telegrafica di sezione *5*
línea (f) telegráfica de sección

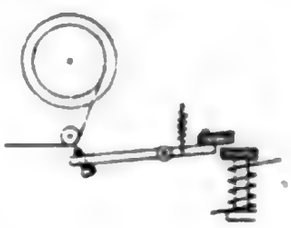
Fernleitung (f)
long distance line
ligne (f) télégraphique à grande distance

телеграфная линія (f) большого протяженія
linea (f) telegrafica a gran distanza *6*
línea (f) telegráfica para grande distancia

Nadeltelegraph (m)
needle telegraph
appareil (m) télégraphique *ou* télégraphe (m) à cadre

телеграфный аппаратъ (m) съ магнитными стрѣлками
telegrafo (m) con apparecchio ad ago *7*
aparato (m) telegráfico de cuadrante

Schreibtelegraph (m), Morsewerk (n)
Morse telegraph
appareil (m) télégraphique écrivant, appareil (m) télégraphique Morse



пишущій телеграфный аппаратъ (m); аппаратъ Морзе
telegrafo (m) con apparecchio scrivente, apparecchio (m) Morse *8*
aparato (m) telegráfico de Morse *ó* que imprime

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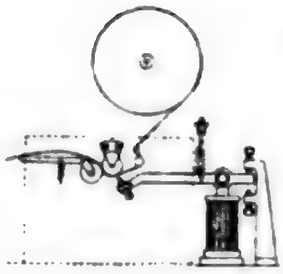
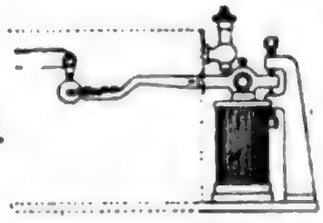
1 Stiftschreiber (m), Reliefschreiber (m)
relief writer
appareil (m) télégraphique *ou* récepteur imprimant en relief *ou* à pointe sèche



рельефнопишущій *или* бѣлопишущій аппаратъ (m)
ricevitore (m) a puntale
ricevitore a rilievo
aparato (m) telegráfico de punta seca

2 Farbschreiber (m)
ink writer
appareil (m) à molette, récepteur imprimeur à encre



чёрнопишущій аппаратъ (m)
ricevitore (m) ad inchiostro
aparato (m) telegráfico impresor, receptor (m) impresor de tinta

3 selbsttätige Übertragung (f) telegraphischer Meldungen
automatic transmission of telegraphic signals
transmission (f) automatique d'avis télégraphiques

автоматическая передача (f) телеграфныхъ сообщеній
trasmissione (f) automatica di avvisi telegrafici
transmisión (f) automática de avisos telegráficos

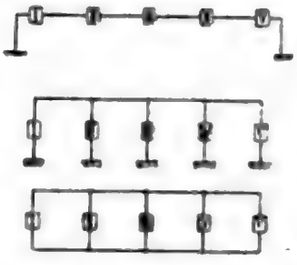
4 Fernsprecher (m), Telephon (n)
telephone
téléphone (m)

телефонъ (m)
telefono (m)
teléfono (m)

5 Fernsprechleitung (f)
telephone line
ligne (f) téléphonique

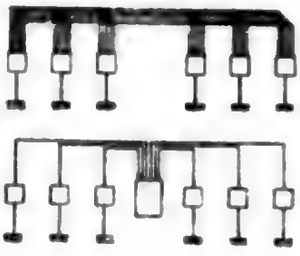
телефонная линія (f)
linea (f) telefonica
línea (f) telefónica

6 Linienfernsprecher (m)
line telephone
téléphone (m) avec circuit de service



линейный телефонъ (m); телефонъ для сквозного *или* для прямого сообщенія
telefono (m) della linea a circuito
teléfono (m) en el circuito de servicio

7 Zentralfernsprechanlage (f)
direct wire installation
installation (f) téléphonique avec bureau central



телефонная установка (f) съ центральной станціей
impianto (m) telefonico con stazione centrale
instalación (f) telefónica con estación central

8 Zeitsignalgeber (m)
time signalling device
transmetteur (m) d'indications *ou* signaux horaires

устройство (n) для сигнализаціи времени
segnalatore (m) orario
aparato (m) para la transmisión de señales horarias

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Elektrisches Läut[e]werk *oder* **Glockenschlagwerk**

Electric Gong *or* **Bell**

Sonneries et cloches électriques

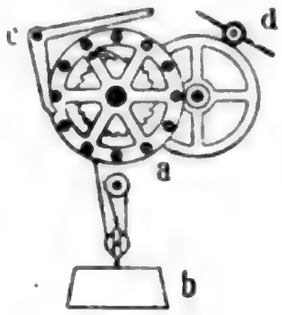
Электрическіе колокола

Soneria elettrica *1*

Timbres y campanas eléctricos

elektrische Glocke (f)
electric bell
cloche (f) électrique

электрическій колоколъ (m)
campana (f) elettrica
campana (f) eléctrica *2*



a

Räderwerk (n)
clockwork
rouage (m)

часовой механизмъ (m)
roteggio (m), rotismo(m)
juego (m) de ruedas *3*

Antriebgewicht (n)
driving weight
poids (m) moteur

b

приводная гиря (f); приводный грузъ (m)
peso (m) motore
peso (m) motor *4*

Schlaghebel (m)
bell hammer
levier (m) percuteur *ou* marteau (m)

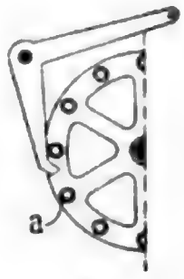
c

ударный рычагъ (m)
leva (f) percuotitrice
palanca (f) *ó* martillo (m) de percusión *5*

Windflügel (m)
air-vane, air-wing
moulinet (m) régulateur

d

вѣтрянка (f); вѣтренникъ (m)
aletta (f) volante regolatrice
molinete (m) regulador *6*

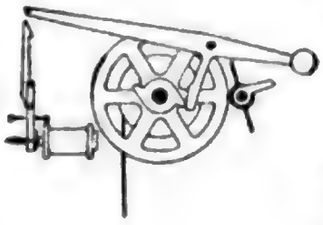


a

Hebestift (m)
lifting stud
cheville (f) de relèvement

штифтъ (m) для подъёма
caviglia (f) di sollevamento
clavija (f) de elevación *7*

Auslösevorrichtung (f) des Läutwerks
releasing device of striking mechanism
dispositif (m) de déclanchement de la sonnerie



приспособленіе (n) для разобщенія колоколовъ
disposizione (f) per la liberazione della soneria
disposición (m) de desenclavamiento del timbre *8*

Glockenschlag (m)
stroke of gong *or* bell
coup (m) de timbre *ou* de cloche

ударъ (m) колокола
colpo (m) di campana
golpe (m) del timbre *ó* de la campana *9*

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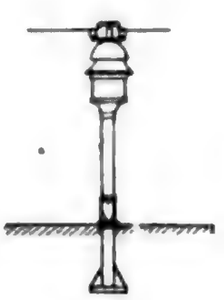
1	Einzelschläger (m) single-stroke gong *or* bell sonnerie (f) à un seul coup		одноударный колоколъ (m) soneria (f) a un sol colpo timbre (m) de un solo golpe
2	Gruppenschläger (m), Pulsschläger (m) multiple-stroke gong *or* bell, continuous-action gong *or* bell sonnerie (f) à coups répétés		колоколъ (m) для нѣсколькихъ послѣдовательныхъ ударовъ soneria (f) a colpi raggrupati timbre (m) de golpes repetidos
3	Einradläutwerk (n), Spindelläutwerk (n) single-wheel striking mechanism sonnerie (f) à une seule roue		одно-осный колоколъ (m) soneria (f) a una sola ruota timbre (m) de una sola rueda
4	Glockenhammer (m) gong hammer marteau (m) de sonnerie	a	молоточекъ (m) колокола martello (m) della campana, battocchio (m) della campana martillo (m) del timbre
5	Hammerspindel (f) spindle of hammer axe (m) du marteau	b	ось (f) молоточка asse (m) del martello eje (m) del martillo
6	Schnurtrommel (f) cord barrel tambour (m) d'enroulement de la corde	c	барабанъ (m) для наматыванія шнура tamburo (m) d'avvolgimento della corda tambor (m) de arrollamiento del cordón
7	Glockenbude (f) bell *or* gong box guérite (f) *ou* poste (m) de sonnerie		будка (f) колокола armadio (m), custodia (f) della campana garita (f) de timbre
8	Läutsäule (f) bell *or* gong pillar colonne (f) de sonnerie		колонна (f) колокола colonna (f) della soneria columna (f) de timbre

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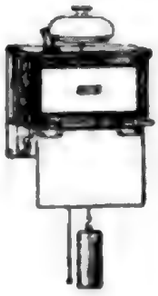
Glockenstuhl (m)
gong stool *or* support
support (m) de cloche *ou* de timbre

стропъ (m) для колокола
sopporto (m) della campana
asiento (m) de la campana *1*

Bahnsteigläutwerk (n)
platform gong *or* bell
sonnerie (f) de trottoir *ou* de quai

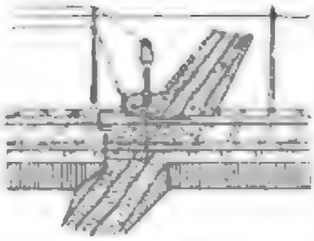
станціонный колоколъ (m)
soneria (f) di marciapiedi
timbre (m) de andén *2*

Zimmerläutwerk (n)
office bell
sonnerie (f) d'intérieur



комнатный колоколъ (m) [звонокъ (m)]
soneria (f) di camera
timbre (m) de habitación *3*

Annäherungsläutwerk (n), Warnungsläutwerk (n)
crossing bell
sonnerie (f) d'approche *ou* d'avertissement

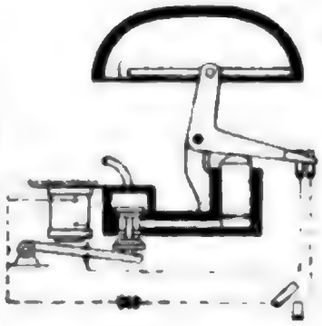


предупреждающій колоколъ (m)
soneria (f) d'avviso dell'avvicinarsi d'un convoglio
timbre (m) de aviso *4*

Motorläutwerk (n)
bell worked by motor
sonnerie (f) à moteur

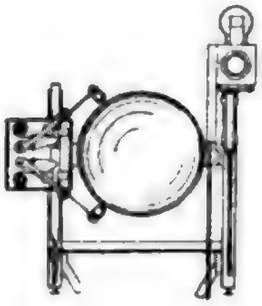
колоколъ (m) съ двигателемъ
soneria (f) a motore
timbre (m) accionado por motor *5*

Kohlensäureläutwerk (n)
bell with carbonic acid drive
sonnerie (f) à [moteur à] acide carbonique



сигнальный колоколъ (m), приводимый въ дѣйствіе углекислотой
soneria (f) ad acido carbonico
timbre (m) [con motor] de ácido carbónico *6*

Vorsignalglocke (f)
advance bell
cloche (f) de signal avancé



предупредительный колокольный сигналъ (m)
campana (f) di segnale avanzato
timbre (m) de señal avanzada *7*

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Gleisschutzeinrichtung, Gleissperre

1 **Track Safety Appliances, Track Locks**

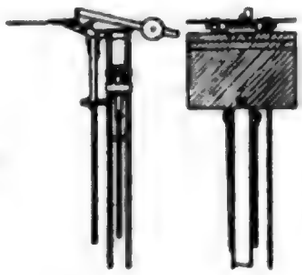
Heurtoirs et taquets d'arrêt

Приспособленіе для огражденія пути

Fermaconvogli all'estremità dei binari

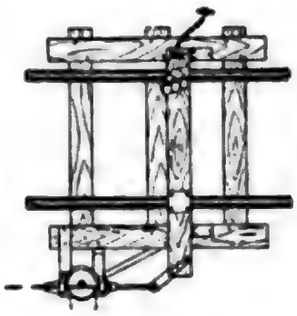
Topes y tacos de parada

2 Zugankündiger (m)
train signaller
annonceur (m) de train



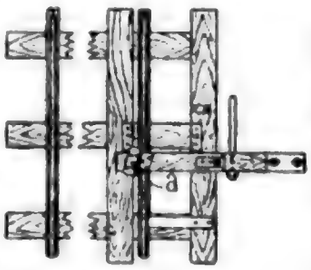
извѣститель (m); сигнальный приборъ(m), извѣщающій о приближеніи поѣзда
avvisatore (m) di treno
avisador (m) de trenes

3 Vorlegebaum (m), Sperrbaum (m)
scotch
barre (f) d'enrayement *ou* d'arrêt



барьеръ (m)
trave (f) di chiusura
palenque (m)

4 einschieniger Sperrbaum (m)
single rail scotch
barre (f) posée sur un seul rail



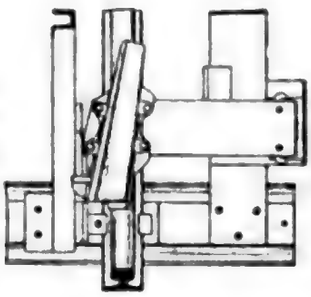
барьеръ (m), загораживающій одинъ рельсъ
trave (f) di chiusura per una rotaia
palenque (m) de un carril

5 Entgleisungswinkel (m)
derailer
équerre (f) de déraillement

a

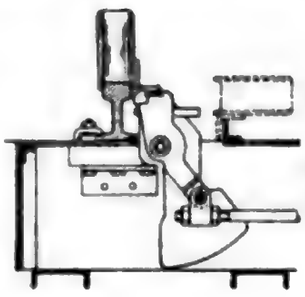
угольникъ (m), вызывающій сходъ съ рельсовъ
angolo (m) di sviamento
escuadra (f) de descarrilamiento

6 Sperrschuh (m), Sperrklotz (m)
scotch block, stop block
sabot (m) d'arrêt



заграждающій башмакъ (m)
scarpa (f) di fermata
taco (m)

7 umklappbarer Vorlegeschuh (m)
turn-over stop block
tâquet (m) basculant



перекидной *или* откидной башмакъ (m)
scarpa (f) capovolgibile
taco (m) basculante

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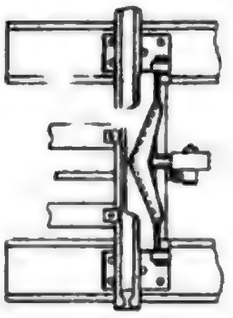
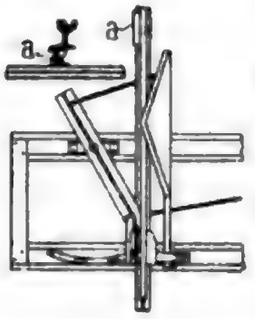
zweiseitiger Vorlegeschuh (m), Ablaufschuh (m)
two-sided stop block
taquet (m) à deux directions



двухсторонній заграждающій башмакъ (m)
scarpa (f) bilaterale
taco (m) de dos direcciones 1

Festlaufgleissperre (f)
dead-stop track lock
barrage (m) de voie



заграждающій путевой механизмъ (m)
binario (m) di arresto ad incaglio
interceptación (f) de la via 2

Festlaufschiene (f)
dead-stop rail
rail (m) d'arrêt

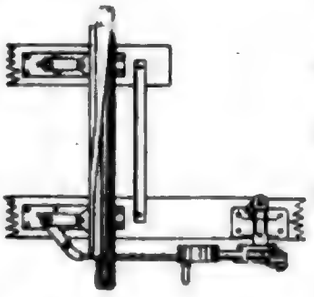
a

упорная полоса (f)
rotaia (f) d'incaglio
carril (m) de interceptación 3

Entgleisungsvorrichtung (f)
derailer
appareil (m) de déraillement *ou* dérailleur (m)

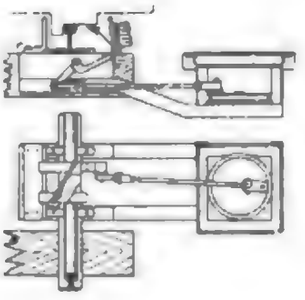
приспособленіе (n), сводящее съ рельсовъ
apparecchio (m) di sviamento
aparato (m) de descarrilamiento 4

Entgleisungsweiche (f)
derailing switch
aiguille (f) de déraillement



стрѣлка (f), сводящая съ рельсовъ
scambio (m) di sviamento
aguja (f) de descarrilamiento 5

Entgleisungsschuh (m)
derailing block
taquet (m) *ou* sabot (m) de déraillement



башмакъ (m), сводящій съ рельсовъ
scarpa (f) di sviamento
taco (m) de descarrilamiento 6

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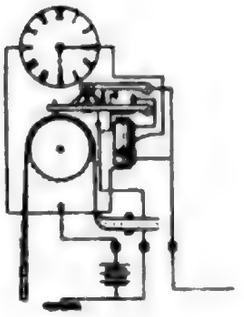
selbsttätige Aufzeichnung (f) der Fahrgeschwindigkeit
recording speed-indicator
enregistrement (m) automatique de la vitesse de roulement



автоматическая запись (f) *или* самодѣйствующее регистрированіе (n) скорости поѣзда
registrazione (f) automatica della velocità di corsa
registro (m) automático de la velocidad de rodamiento 7

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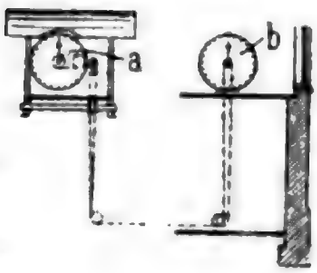
1 Rangier- *oder* Verschiebe-Uhr (f)
shunting dial
cadran (m) pour la manœuvre (des trains) *ou* le triage



маневровые часы (m pl
quadrante (m) per dei convogli
indicador (m) de maniobra

2 Zeichengeber (m)
signal transmitter
transmetteur (m) de signaux

a

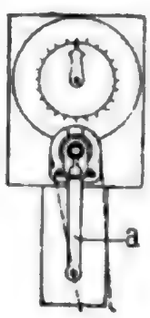
передатчикъ (m) [сигналовъ]
trasmettitore (m) di segnali
transmisor (m) de señales

3 Zeichenempfänger (m)
signal receiver
récepteur (m) de signaux

b

пріемникъ (m) [сигналовъ]
ricevitore (m) di segnali
receptor (m) de señales

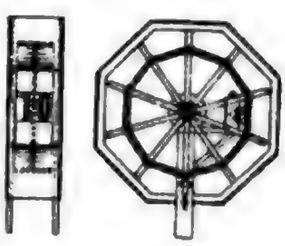
4 Verschiebekurbel (f), Rangierkurbel (f)
shunting crank
manivelle (f) du cadran de manœuvre



a

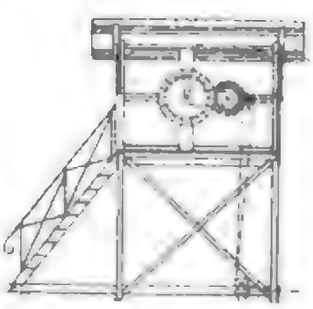
маневровая рукоятка (f)
manovella (f) di manovra dei convogli
manivela (f) del transmisor (de señales de maniobra)

5 Verschiebetrommel (f)
shunting drum
tambour (m) du transmetteur (de signaux de manœuvre)



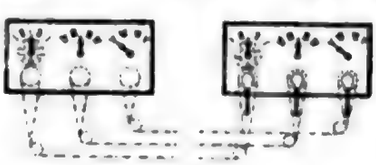
маневровый барабанъ (m)
tamburro (m) trasmettitore des segnali di manovra
tambor (m) del transmisor (de señales de maniobra)

6 Verschiebeturm (m), Rangierturm (m)
shunting tower
tour (f) du cadran de manœuvre, poste (m) de manœuvre



маневровая башня (f)
torre (f) di manovra dei convogli
torre (f) de maniobra

7 Fahrtenmelder (m)
train signalling instrument
annonceur (m) de marche



поѣздной оповѣститель (m)
avvisatore (m) di marcia
avisador (m) de marcha

8 elektrischer Fernmelder (m)
electric train indicator, electric indicator
téléavertisseur (m) électrique, avertisseur (m) électrique à distance

электрическій указатель (m) слѣдованія поѣзда
indicatore (m) elettrico a distanza
teléavisador (m) eléctrico; avisador (m) eléctrico á distancia

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IX.

Werkzeuge und Geräte für Betrieb und Unterhaltung

Tools and Implements

Outils et ustensiles d'exploitation

Инструменты и приборы для эксплоатаціи и содержанія

Strumenti e attrezzi

Herramientas y utensilios

Bahnmeistergerät (n)
platelayer's tools
outils (m pl) de piqueur *ou* de surveillant de voie

ремонтные инструменты (m pl)
attrezzi (m pl) da capo squadra *o* sorvegliante (m) della via
utensilios (m pl) de inspector de via

1

Bandmaß (n)
measuring tape
décamètre (m) à ruban

рулетка (f)
nastro (m) di misurazione, decometro (m) a nastro
metro (m) de cinta, cinta (f) métrica

2

Richtlatte (f), Richtscheit (n)
straight edge, levelling board
règle (f) à niveler

винкель (m)
regolo (m) per rettificare
regla (f) para nivelar

3

Fluchtstab (m), Visierstab (m)
ranging rod
jalon (m) de mire

вѣшка (f)
palina (f) di mira
varilla (f) de nivelación, mira (f), piquete (m), jalón (m)

4

Visierlatte (f)
levelling board
règle (f) *ou* mire (f)

нивеллирная рейка (f)
mira (f) *o* scopo (m)
mira (f), regla (f)

5

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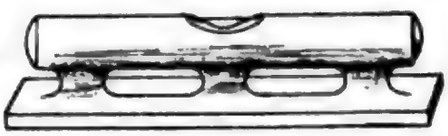
1 Visiertafel (f), Ausrichtetafel (f)
boning rod
nivelette (f)

визирка (f)
scopo (m), tavoletta (f) di traguardo
mira (f) [de disco]

2 Senkel (m), Lot (n)
plumb bob
fil (m) à plomb

отвѣсъ (m); [грузило (n)]
filo (m) a piombo, piombino (m)
plomada (f)



3 Wasserwage (f), Libelle (f)
level, bubble level, spirit level, water level
niveau (m) à bulle d'air

[водяной] уровень (m); ватерпасъ (m)
livello (m) ad acqua, [livello (m) a] bolla (f) d'aria
nivel (m) de burbuja

4 Schwellenverteilungslatte (f)
distance-gauge for sleepers *or* ties (A), rod for spacing sleepers *or* ties (A)
règle (f) d'écartement des traverses

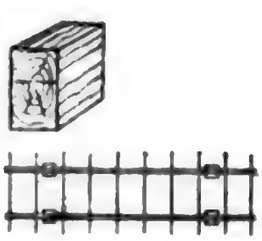
рейка (f) для распредѣленія шпалъ
regolo (m) di distribuzione delle traverse
lata (f) *ó* listón (m) *ó* varilla (f) *ó* regla (f) *ó* patrón (m) de separación de las traviesas

5 Winkelmafs (n)
square
équerre (f)

угольникъ (m)
squadra (f)
escuadra (f)

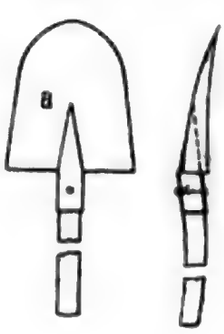
6 Schienenwinkel (m)
rail square
équerre (f) de pose

угольникъ (m) для рельсовъ
squadra (f) di posa delle rotaie
escuadra (f) para la colocación



7 Holzklotz (m)
wood block
pièce (f) de bois

деревянная колодка (f); [деревянная подкладка (f)]
ceppo (m) in legno
pieza (f) de madera



8 Schaufel (f), Schippe (f)
spade, shovel
pelle (f) ronde

лопата (f)
badile (m) rotondo
pala (f) redonda

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[Schaufel-]Blatt (n)
pan *or* blade
pelle (f) [sans le manche]

a

лопасть (f) [лопаты]
badile (m) senza manico 1
pala (f) [sin el mango]

Wurfschaufel (f)
casting shovel
pelle (f) de terrassier

лопата (f) для перекидыванія
badile (m) da sterraiuoli 2
pala (f) de terraplenar

Siebschaufel (f)
sieve shovel
pelle (f) à grille

черпакъ (m)
pala (f) da graticola 3
pala (f) tamizadora

Spaten (m)
spade
pelle (f) carrée, pelle (f) picarde

заогупъ (m)
vanga (f) quadrata 4
pala (f) cuadrata

Schneeschaufel (f)
snow shovel
pelle (f) à neige

снѣжная лопата (f)
pala (f) a neve 5
pala (f) para nieve

Tragmulde (f)
hod
auge (f) de transport

лотокъ (m) *или* корыто (n) для разноски [поковокъ по линіи] 6
conca (f) portante
cubo (m) de transporta

Schubkarren (m)
wheel-barrow
brouette (f)

тачка (f)
carrinola (f) 7
carretilla (f)

Kippkarren (m)
tip-barrow, tipping cart
tombereau (m)

двуосная телѣжка (f)
carretta (f) da ribaltamento 8
volquete (m)

Steinhammer (m)
stone-hammer
casse-pierres (m)

кувалда (f) для камня
martello (m) spezzapietre 9
martillo (m) de cantero

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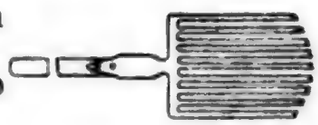
1 Schotterschlegel (m)
ballast-hammer
marteau (m) à concasser le ballast

молотокъ (m) для щебня
martello (m) schiacciapietre da ballast
pisón (m) para el balasto

2 Wurfgitter (n)
screen
tamis (m), claie (f) [à trier]

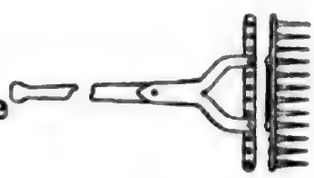
грохотъ (m) для сортировки щебня
staccio (m)
tamiz (m), criba (f)

3 Steinschlaggabel (f)
fork for mixing broken stones
fourche (f) à étendre le ballast



вилка (f) для щебня
forchetta (f) a stendere il ballast
horquilla (f) para grava

4 Kiesharke (f), Kiesrechen (m)
gravel *or* ballast rake
rateau (m) à [étendre la] pierraille

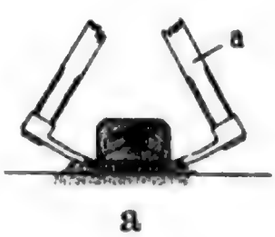


грабля (f)
rastrello (m) distributore *o* regolatore del pietrisco
rastro (m) *ó* rastrillo (m) [para extender la grava]

5 Erdstampfe (f), Erdstampfer (m)
earth rammer
demoiselle (f), hie (f), pilon (m)

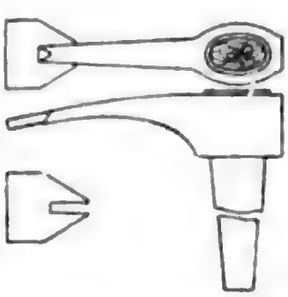
трамбовка (f)
pilone (m), mazzapichio (m)
pisón (m)

6 Stopfhacke (f), Stopfhaue (f), Schlagkrampen (m)
packer, beater pick, tamping pick
pioche (f) à bourrer, batte (f)



подбойка (f)
zappa (f)
bate (m)

7 Stopfhacke (f) mit auswechselbarem Stopfer
packer *or* beater *or* tamping pick with interchangeable head
batte (f) à tête démontable *ou* échangeable



подбойка (f) со смѣннымъ наконечникомъ
zappa (f) a testa amovibile *o* d'armamento
bate (m) con cabeza cambiable

8 Stopfstange (f)
packing rod
batte (f) coudée

штанга (f) для подбивки; подбойка (f) американскаго типа
zappa (f) a rincalzare *o* mazzapicchio
mazo (m) acodillado para batear

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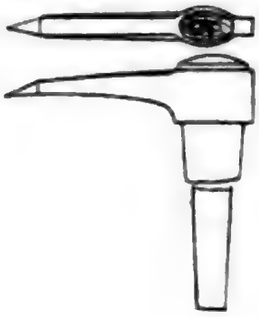
Stopfschläger (m)
tamping rod
batte (f) droite

подбойка (f)
mazza (f) a rincalzare
mazo (m) derecho para batear

1

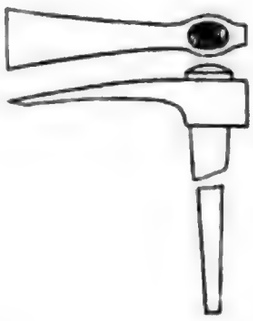
Spitzhacke(f), Spitzhaue (f), Spitzkrampen (m)
pickaxe, pick
pic (m)



остроконечная кирка (f)
piccone (m) *o* piccozza (f)
pico (m)

2

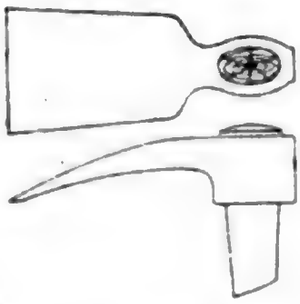
Flachhacke (f)
flat mattock
hoyau (m)



плоская кирка (f)
zappa (f) piatta
azada (f) plana

3

Breithacke(f), Breithaue (f)
mattock
houe (f)



широкая кирка (f)
zappa (f) larga
azadón (m)

4

Doppelspitzhacke (f)
double pick
pic (m) á deux pointes

двусторонняя остроконечная кирка (f)
zappa (f) doppia
piqueta (f)

5

Kreuzhacke (f), Spitz- und Flachhacke (f)
flat pick
pioche (f)

кирка (f) съ подбойкой
zappa (f) a croce *od* a punta e piatta
zapapico (m)

6

Axt (f)
axe, hatchet
hache (f), cognée (f)

топоръ (m)
scure (f)
hacha (f)

7

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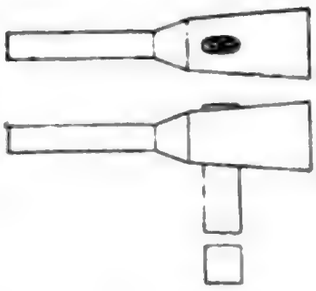
1 Dornhammer(m), Durchtreiber (m), Durchschlaghammer (m)
punch *or* drift hammer
chasse-coin (m)



молотокъ (m) съ пробойникомъ
cacciacuneo (m)
martillo (m) cuña, sacacuñas (m), rasqueta (f)

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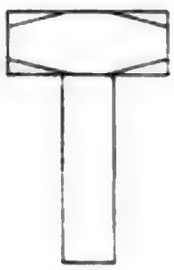
2 Fäustel (m), Fausthammer (m), Schlägel (m)
hand hammer
massette (f)



ручникъ (m); кулачокъ (m); кувалда (f)
mazzetta (f)
martillo (m) de mano, porrilla (f)

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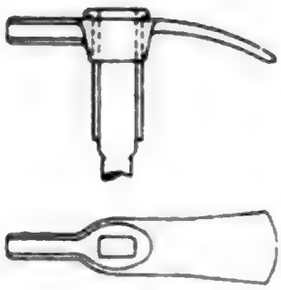
3 Dexel (m), Dechsel (m), Dexelhacke (f)
adze
herminette (f)



тесло (n); кирка (f) для затёски шпалъ; дексель (m)
zappa (f) curva
azuela (f)

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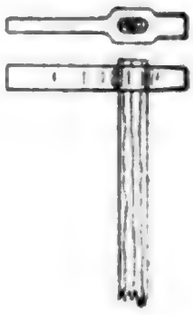
4 Setzhammer (m), Vorschlaghammer (m), Aufsatzhammer (m)
set, set hammer
chasse (f)



костыльный молотокъ (m) вающійся на ручку
martello (m) piantane
martillo (m) . . .

---

5 Keilhammer (m)
wedge hammer
chasse-coin (m)

клинообразный костыльный молотокъ (m)
martello (m) per cuneo
martillo (m) para cuña ó chaveta

---

6 Schrothammer (m)
cold set
tranche (f)

зубило (n)
martello (m) a tagliente
tajadera (f)

---

7 Holzhammer (m)
wooden mallet
maillet (m)

деревянный молотокъ (m)
mazzuola (f) di legno
mazo (m)

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Gleisheber (m), Schienenheber (m), Schienentraghaken (m)
track lifter, rail lifter
pince (f) à rails

крюкъ (m) для [пере]носки рельсовъ
leva-rotaie (f)
levanta-carriles (m)
1

Schienen[trag]gabel (f)
rail fork
fourche (f) à porter les rails

вилка (f) для [пере]носки рельсовъ
forchetta (f) porta-rotaie
horquilla (f) para llevar carriles
2

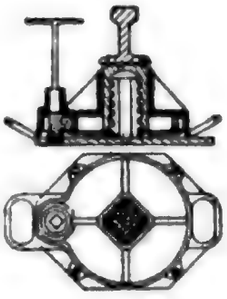
beweglicher Schienenheber (m)
adjustable rail lifter
pince (f) à rails à crochet mobile

раздвижной крюкъ (m) для [пере]носки рельсовъ
leva-rotaie (f) mobile
levanta-carriles (m) móvil
3

Schienenzange (f)
rail tongs
tenaille (f) à rails

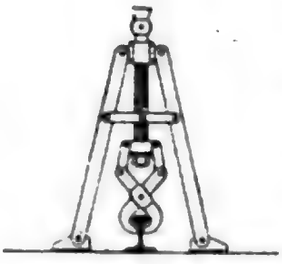
клещи (m pl) для [пере]носки рельсовъ
tanaglia (f) per rotaie
tenazas (f pl) para carriles
4

Gleishebebock (m)
rail *or* track jack
vérin (m) à soulever les voies *ou* les rails



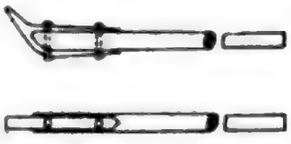
домкратъ (m) для подъёма рельсовъ
cavalletto (m) per sollevare le rotaie
caballete (m) para alzar las vías
5

Gleishebewinde (f)
rail *or* track winch
pince (f) à vis pour soulever les rails



домкратъ (m) для подъёма рельсовъ
verricello (m) per sollevare le rotaie
gato (f) para alzar las vías
6

Gleishebebaum (m), Wuchtebaum (m)
crow bar
anspect (m) *ou* levier (m)



аншпугъ (m)
bastone (m) a leva
espeque (m)
7

Brechstange (f)
pinch-bar
pince (f)

ломъ (m)
leva (f)
palanca (f), alzaprima (f)
8

Stoßlückeneisen (n), Temperaturblech (n), Dilatationsblech (n)
joint clearance gauge
jauge (f) *ou* fer (m) d'écartement des abouts

лекало (n) *или* шаблонъ (m) *или* калибръ (m) для зазоровъ
ferro (m) per [misurare] l'agio dei giunti
hierro (m) para medir la separación de las juntas
9

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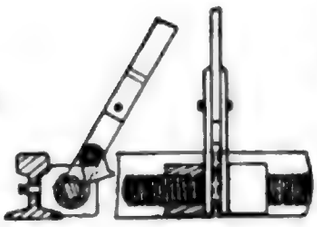
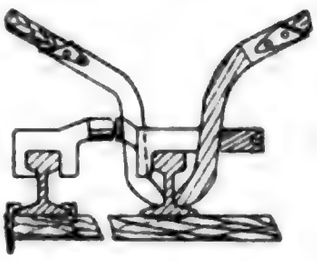
Schienenrücker (m)
rail slewer
1 appareil (m) à déplacer les rails longitudinalement



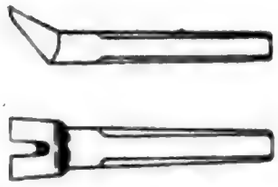
приборъ (m) для разгонки зазоровъ
apparecchio (m) per spostare le rotaie longitudinalmente
aparato (m) para desplazar los carriles longitudinalmente

Spurrichter (m), Schienenrichter (m)
gauge setting device
2 appareil (m) à redresser *ou* à rectifier les alignements des rails



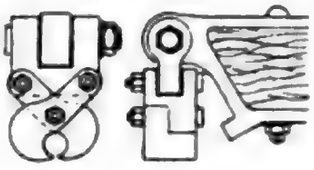
приборъ (m) для рехтовки пути
apparecchio (m) per spostare le rotaie e regolare lo scartamento
aparato (m) para enderezar los carriles

Nagelklaue (f), Geißfuß (m)
3 spike drawer
[pince (f) à] pied (m) de biche



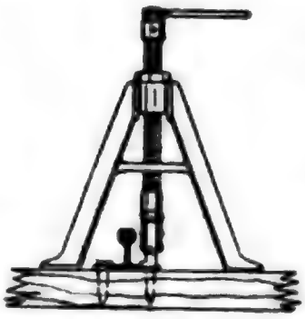
лапа (f)
leva (f) a piede di capra
pie (m) de cabra

Schienennagelzange (f)
4 spike tongs
pince (f) à crampons



клещи (m pl) для вытаскиванія костылей
pinza (f) per arpioni di rotaie
tenazas (f pl) para escarpias de carriles

Schienennagelwinde (f)
spike drawing winch
5 [appareil (m) à] vis (f) pour tirer les crampons [de rail]



домкратъ (m) для вытаскиванія костылей
verricello *o* vite (f) ad estrarre gli arpioni
tornillo (m) para sacar las escarpias de los carriles

Richteisen (n)
6 straightening bar
levier (m) à dresser

рехтовочный ломъ (m)
raddrizzatore (m)
enderezador (m)

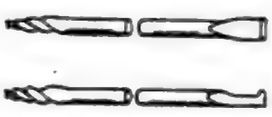
Schwellenschraubenschlüssel (m), Schienenschraubenschlüssel (m)
7 socket wrench, box spanner
clé (f) à tirefonds

ключъ (m) для завинчиванія рельсовыхъ шуруповъ
chiave (f) per viti a legno
llave (f) para tirafondos

Bohrstange (f)
8 drill rod
barre (f) à forer

буровая штанга (f)
asta (f) da trapano
taladro (m)

Einsatzbohrer (m)
9 drill
foret (m)



вставное сверло (n)
manico (m) d'asta di floretto
broca (f)

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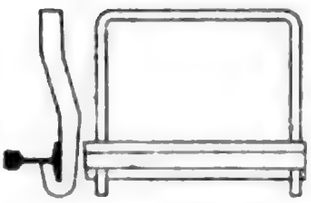
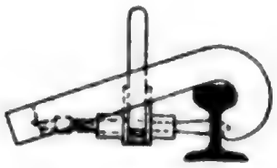
Bohrbügel (m)
drill yoke
griffe (f) de fixation *ou* agrafe (f) pour perceuse



хомутъ (m) для прикрѣпленія сверлильнаго станка къ рельсу
perforatrice (f) a tenaglia di fissazione
garras (f) de fijación para taladrora
1

Bohrknarre (f), Bohrratsche (f)
ratchet drill
cliquet (m) à percer, racagnac(m), perceuse (f)

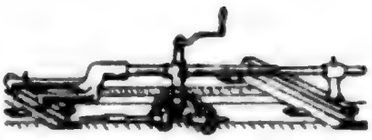


трещётка (f)
cricco (m) per forare
carraca (f), chicharra (f), taladrora (f)
2

Körner (m)
centre punch, center punch (A)
pointeau (m)

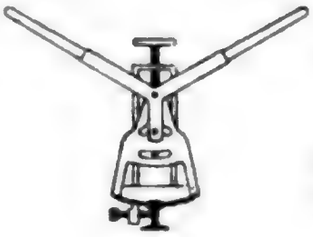
кернеръ (m); центровка (f)
punterolo (m)
granete (m)
3

Bohrapparat (m)
drilling apparatus
appareil (m) à percer perceuse (f), forerie (f)



приборъ (m) для сверленія дыръ; сверлильный приборъ
apparecchio (m) per forare
aparato (m) para taladrar
4

Schienensäge (f)
rail saw
scie (f) à rails

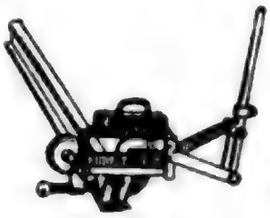


рельсовая пила (f); пила для распиловки *или* для обрѣзки рельсъ
sega (f) per rotaie
sierra (f) para carriles
5

Kaltsäge (f)
cold saw
scie (f) à froid

пила (f) для холодной распиловки *или* обрѣзки
sega (f) a freddo
sierra (f) en frio
6

fahrbare Schienensäge (f)
portable saw
scie (f) transportable



переносная рельсовая пила (f); перевозимая пила для распиловки рельсовъ; передвижная пила для обрѣзки рельсовъ
sega (f) trasportabile
sierra (f) [para carriles] montada sobre ruedas
7

Bügelfeile (f)
rail-file
lime (f) à étrier

подпилокъ (m) [въ подвѣсной рамѣ]
lima (f) a staffa
lima (f) con mango de estribo
8

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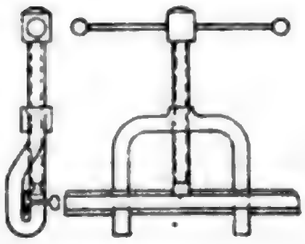
1 Schienenbieger (m), Schienenkrümmer(m), Schienenbiegemaschine (f)
rail bender, jim crow
presse (f) à cintrer les rails

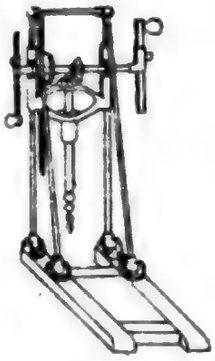


прессъ (m) для гнутья рельсъ; станокъ (m) для изгибанія рельсовъ
apparecchio (m) per curvare le rotaie
plegador (m) de vía

2 Schwellenbohrer (m)
auger
tarière (f) pour traverses

буравъ (m) для шпалъ
trivella (f) per traverse
barrena (f) para traviesas

3 Schwellenbohrmaschine (f)
sleeper *or* tie (A) drilling machine, sleeper *or* tie (A) drill
perceuse (f) *ou* foreuse (f) de traverse



машина (f) *или* станокъ (m) для сверленія шпалъ
foratrice (f) per traverse
taladradora (f) para traviesas

4 Bohrlehre (f)
boring template
calibre (m) de trou de forage

шаблонъ (m) для просверливанія шпалъ
calibro (m) di foratura
calibre (m) para taladros

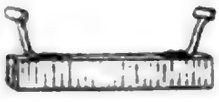
5 Steinbohrer (m)
jumper, stone drill
perçoir (m) pour pierre

буръ (m) [для камня]
punta (f) *o* sbarra (f) perforatrice per pietre
broca (f) para piedra

6 Kronenbohrer (m)
crown drill
perçoir (m) à couronne

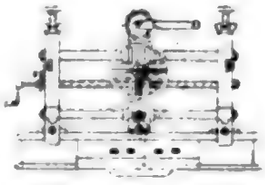
буръ (m) съ коронкой
punta (f) perforatrice a corona
broca (f) de corona

7 Schienenhobel (m)
rail plane
rabot-lime (m) pour rails



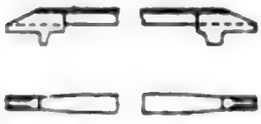
стругъ (m) для рельсовъ
pialla (f) per rotaie
cepillo (m) para carriles

8 Schienenfräsmaschine (f)
rail milling machine
fraiseuse (f) pour rails



фрезерный *или* шарошечный станокъ (m) для сглаживанія рельсовыхъ стыковъ
fresatrice (f) per rotaie
fresadora (f) para carriles

9 Spurmaß (n), Spurlehre (f)
rail gauge template, platelayer's gauge
règle (f) d'écartement, calibre (m) de la voie



[путевой] шаблонъ (m)
calibro (m) di scartamento
patrón (m) de ancho [de la vía]

10 verstellbares Spurmaß (n)
adjustable rail gauge
règle (f) d'écartement ajustable *ou* à coulisse

раздвижной [путевой] шаблонъ (m)
calibro (m) di scartamento regolabile
patrón (m) *ó* calibre (m) ajustable de ancho [de la vía], aguja (f) de comprar ajustable

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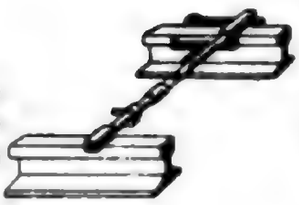
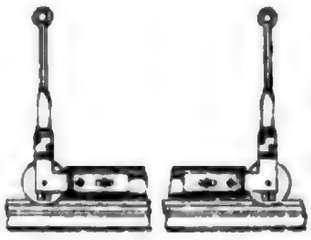
Kurvenlehre (f) curve-gauge gabarit (m) de courbe		[путевой] шаблонъ (m) для кривыхъ sagoma (f) di curva patrón (m) ó calibre (m) para curvas	1
Neigungsmaß (n), Neigungslehre (f) tilt gauge règle (f) à dévers		лекало (n) для уклоновъ; шаблонъ (m) для подуклонки рельсовъ regolo (m) per la inclinazione trasversale del binario regla (f) de inclinación	2
Dexellehre (f), Kapplehre (f) adzing gauge gabarit (m) d'entaillage des traverses		шаблонъ (m) для зарубки шпалъ sagoma (f) pel taglio delle traverse patrón (m) ó calibre (m) para la entalladura de las traviesas	3
Überhöhungslehre (f), Überhöhungsmaß (n) superelevation template *or* gauge règle (f) de surhaussement		шаблонъ (m) для измѣренія возвышенія рельса regolo (m) di sopraelevazione patrón (m) de peralte	4
Stufenklotz (m) step block bloc (m) à gradins		ступенчатое деревянное лекало (n) для измѣренія возвышенія рельса blocco (m) a gradini escantillón (m) de curvas	5
Spur- und Überhöhungsmaß (n) combined rail and superelevation gauge règle (f) d'écartement et de surhaussement		шаблонъ (m) съ уровнемъ и съ приспособленіемъ для измѣренія возвышенія рельса calibro (m) di scartamento e di sopraelevazione patrón (m) combinado de ancho [de la vía] y de peralte	6
Abnutzungsmesser (m) wear and tear gauge appareil (m) de mesure de l'usure des rails		приборъ (m) *или* шаблонъ для измѣренія износа рельсовъ misuratore (m) del consumo delle rotaie aparato (m) para medir el desgaste de los carriles	7
Schienenumrißzeichner (m) rail section drawing instrument appareil (m) de vérification du profil des rails		приборъ (m) для вычерчиванія профиля рельса verificatore (m) del profilo delle rotaie aparato (m) para verificar el perfil de los carriles	8

1 Gleismesser (m)
track measuring device
appareil (m) de contrôle [universel] de la voie



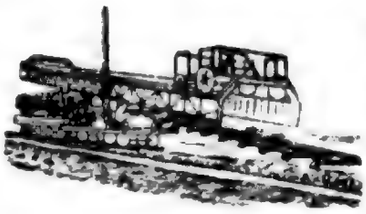
приборъ (m) для измѣренія пути
misuratore (m) universale per binario
aparato (m) universal para medir las dimensiones de la vía

2 Schienen[beförderungs]-karren (m)
trolley for rails
chariot (m) *ou* wagonnet (m) à rails



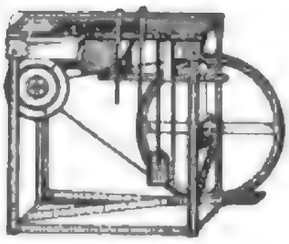
вагонетка (f); [рельсовая тачка (f)]
carrello (m) da trasporto per rotaie
carretilla (f) *ó* vagoneta (f) para carriles

3 Gleisverlegewagen (m)
rail-laying car
wagon (m) pour la pose de la voie



вагонетка (f) для укладки пути
carro (m) per la posa del binario
vagón (m) para asentar la vía

4 Feldschmiede (f)
field-forge
forge (f) portative *ou* de campagne

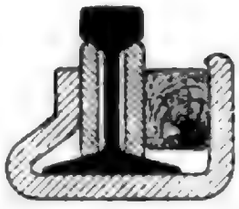


переносный кузнечный горнъ (m)
fucina (f) portatile
fragua (f) portátil *ó* de campaña

5 Wärmeofen (m)
brazier
brasier (m)

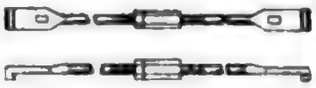
костёръ (m); желѣзная корзина (f) для разведенія костра
fornello (m), bracere (m)
brasero (m)

6 Schienennotverband (m)
emergency rail-joint
assemblage (m) provisoire *ou* d'urgence *ou* de fortune



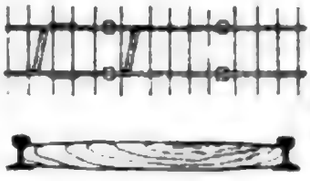
приборъ (m) для временнаго скрѣпленія лопнувшихъ рельсовъ
collegamento (m) d'urgenza *o* provisorio delle rotaie
unión (f) de urgencia *ó* de peligro

7 Schienenzwinge (f)
rail tie-bar
entretoise (f) de rail



рельсовый сжимъ (m)
morsa (f) per rotaie
mordaza (f) de carril

8 Spreizknüppel (m)
strut
bloc (m) d'écartement



распорка (f) между рельсами
trave (f) di scartamento
barra (f) de separación

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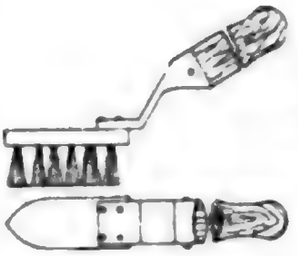
Durchbiegungsmesser (m)
deflection indicator
indicateur (m) de flexion

приборъ (m) для измѣренія прогиба
misuratore (m) della flessione
indicador (m) de flexión
1

Spannungsmesser (m)
tension indicator
indicateur (m) de tension

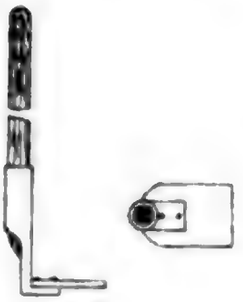
приборъ (m) для измѣренія напряженія
misuratore (m) della tensione
indicator (m) de tensión
2

Weichenbürste (f)
points brush
brosse (f) pour aiguilles



щётка (f) для стрѣлокъ
spazzola (f) per scambi
cepillo (m) para agujas
3

Weichenreinigungskratze (f)
points scraper
grattoir (m) *ou* crochet (m) à nettoyer les aiguilles

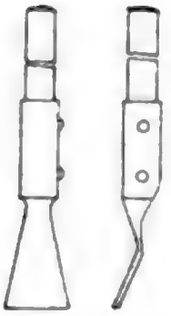


скребокъ (m) для стрѣлокъ
raschiatoio (m) per pulire gli scambi
rascador (m) para limpiar las agujas
4

Schienenreiniger (m)
rail cleaner
râcloir (m) à rails

рельсовый очиститель (m); приборъ (m) для очистки рельсовъ
pulitore (m) delle rotaie
limpiavías (m)
5

Stoßeisen (n)
scraping iron
râcloir (m) de joints

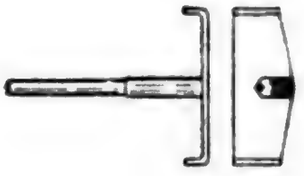


скребокъ (m) для прочистки стыковыхъ зазоровъ
ferro (m) per raschiare
rascador (m) para juntas
6

Weichenstelleisen (n)
switch-rod
tringle (f) de manœuvre [à main] pour aiguilles

желѣзко (n) для перевода стрѣлокъ
ferro (m) per la manovra degli scambi
tirante (m) de maniobra para agujas
7

Schlammkratze (f)
mud-scraper
gratte-boue (m)



скребокъ (m) для удаленія грязи
raschiafango (m)
limpiabarros (m)
8

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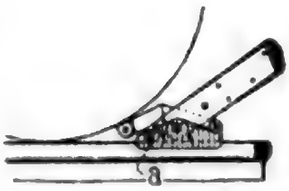
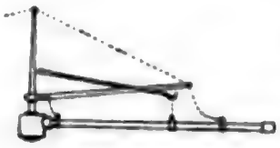
1 Wagenschieber (m)
pinch bar, wagon moving device
pousse-wagon (m)



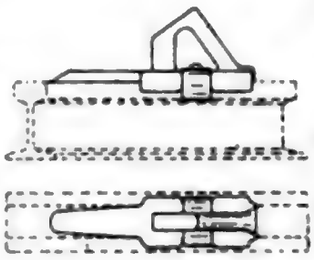
ранжировщикъ (m); рычагъ (m) для передвиженія вагоновъ
spingi-carri (m)
empujador (m) de vagones

2 Stoßbaum (m)
push pole
barre (f) *ou* levier (m) pour manœuvrer les wagons



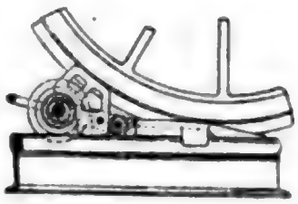
вага (f) [для передвиженія вагоновъ]
trave (m) per spingicarri
madero (m) *ó* palanca (f) para empujar los vagones

3 Hemmschuh (m), Bremsschuh (m), Radvorleger (m), Vorlegeklotz (m)
scotch block, stop block
taquet (m) *ou* cale (f) d'arrêt, sabot (m) d'enrayement



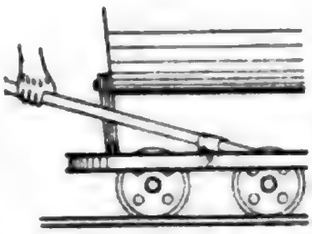
тормазной башмакъ (m); колёсная закладка (f); колёсный башмакъ (m)
scarpa (f), ceppo (m) di arresto
zapata (f) *ó* almohadilla (f) de freno, calza (f) para ruedas

4 Rollbremsschuh (m)
scotch block with roller
sabot (m) d'enrayement à galet



роликовый тормазной *или* колёсный башмакъ (m); колёсная закладка (f) на роликѣ
ceppo (m) di frenamento
zapata (f) de freno con roldana

5 Bremsknüppel (m)
club, braking club
barre (f) d'enrayement



аншпугъ (m)
barra (f) di frenamento
barra (f) de freno

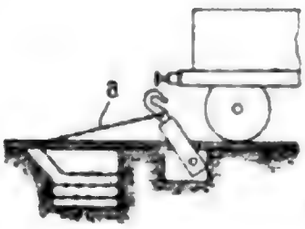
6 Gleisbremse (f)
rail brake
sabot-frein (m) glissant sur le rail

путевой тормазъ (m)
ceppo (m) a freno di frenamento
zapata (f) de freno deslizante sobre el carril

7 Abwerfkeil (m)
throw-off wedge
coin (m) pour chasser le sabot

клинъ (m) для сбрасыванія тормазного башмака
cuneo (m) scaccia ceppo
cuña (f) para quitar la zapata

8 Schleifkette (f)
chain brake
chaîne (f) pour arrêter les wagons



тормазная цѣпь (f), увлекаемая скатывающимся вагономъ
catena (f) a traino
cadena (f) de freno

a

9 Aufgleisung (f)
rerailing a vehicle
remise (f) sur rail

постановка (f) на рельсы
riportare (v) sul binario
encarrilamiento (m)

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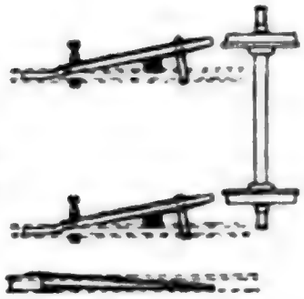
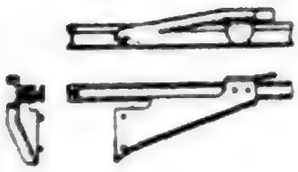
Auffahrschiene (f)
ramp rail
rail (m) *ou* rampe (f) de remise sur voie *ou* d'accès



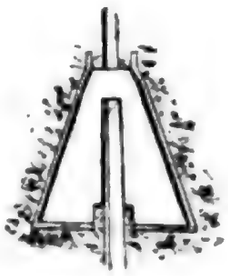
рельсъ для вкатыванія на путь
rotaia (f) di entrata
carril (m) *ó* rampa (f) de entrada *ó* de acceso *ó* de encarrilamiento *1*

Auffahrschuh (m), Aufgleisungsschuh (m), Einfahrschuh (m)
rerailing ramp
rampe (f) *ou* plaque (f) d'accès



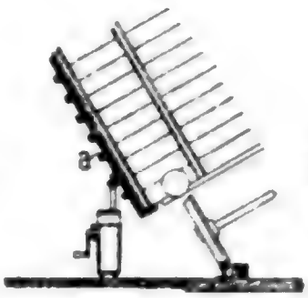
башмакъ (m) для вкатыванія на рельсы
scarpa (f) di accesso
rampa (f) *ó* placa (f) de entrada *ó* de acceso *ó* de encarrilamiento *2*

Aufgleisungsplatte (f)
rerailing plate, double ramp
plaque (f) pour remettre des wagons déraillés sur les rails



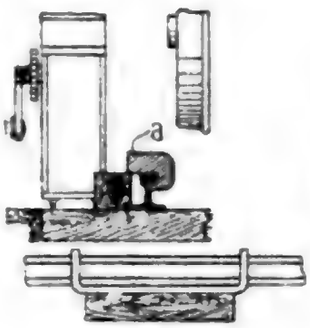
плоскій башмакъ (m) для вкатыванія на рельсы
piastra (f) per rimettere i veicoli sulle rotaie
placa (f) para encarrilar vagones descarrilados *3*

Windenhalter (m)
bearing piece for lifting-jack
appui (m) de cric



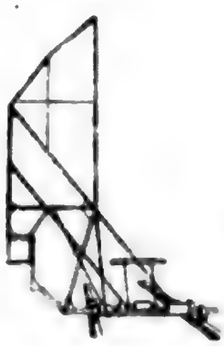
опора (f) для домкрата
appoggio (m) per argano
apoyo (m) para el gato *4*

Radfänger (m)
wheel catcher
dispositif (m) pour recevoir les roues



приспособленіе (n) для подхватыванія колёсъ опускаемаго вагона
dispositivo (m) per ricevere le ruote
disposición (f) para recibir las ruedas *5*

Umgrenzungslehre (f), Normalprofilschablone (f)
[standard] clearance gauge
gabari[t] (m) de profil normal



габаритъ (m) нормальнаго профиля
sagoma (f), profilo (m) dello spazio libero
gálibo (m) de perfil normal *6*

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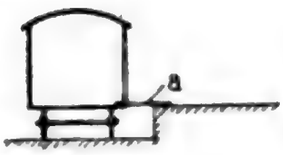
[Über-] Ladebrücke (f)
loading bridge *or* gangway
1 pont (m) de transbordement, pont (m) de chargement *ou* déchargement, pont (m) mobile



a

сходни (f pl)
ponte (m) di trasbordo
puente (m) de transbordo

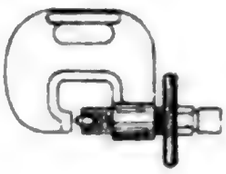
Kabelmesser (n)
2 cable stripper, stripper knife
couteau (m) pour câbles

кабельный ножикъ (m)
coltello (m) per cavi
cuchillo (m) para cables

Erdbohrer (m)
3 earth auger (for drilling pole holes)
tarière (f)

земляной буравъ (m) *или* буръ (m)
trivella (f)
sonda (f), tienta (f)

Schienenverbinderniet-apparat (m)
4 rail bond riveting device
riveuse (f) pour joints *ou* connecteurs de rails



клепалка (f) для рельсовыхъ соединителей
chiodatrice (f) per i collegamenti delle rotaie
aparato (m) para remachar las conexiones de los carriles

---

den Schienenverbinder einnieten (v)
5 to rivet the railbond
river (v) le joint *ou* connecteur de rails

приклепать рельсовые соединители (m pl)
chiodare (v) il collegamento delle rotaie
remachar (v) la conexión de los carriles

Isolationskontroll-apparat (m)
6 insulation testing apparatus
appareil (m) contrôleur d'isolement

приборъ (m) для испытанія изоляціи
apparecchio (m) di controllo dell'isolamento
aparato (m) para comprobar el aislamiento

Verlegung (f) *oder* Montierung (f) der Oberleitung
7 erection of contact line
montage (m) du conducteur aérien

установка (f) воздушнаго провода
montaggio (m) del conduttore aereo
montaje (m) del conductor aéreo

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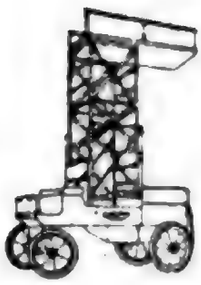
Turmwagen (m), Gerüstwagen (m)
tower wagon
wagon (m) à échafaudage, wagon (m) de montage et réparations



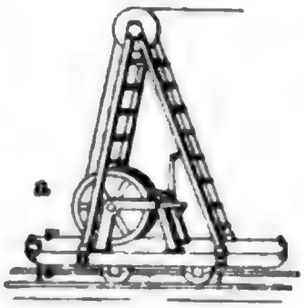
платформа (f) съ вышкой
carro-ponte (m), carro-torre (m) *1*
carro (m) para montaje y reparaciones

---

selbstfahrender Turmwagen (m)
automobile tower wagon
wagon (m) à échafaudage automoteur

самодвижущаяся платформа (f) съ вышкой
carro-ponte (m) automotore *2*
carro (m) automotor para montaje y reparaciones

Wagen (m) zum Verlegen des Fahrdrahtes
reel wagon
wagon (m) pour la pose du conducteur



вагонъ (m) для подвѣшиванія рабочаго провода
carro (m) per montare il filo di linea *3*
carro (m) para tender el alambre de trabajo

Fahrdrahttrommel (f)
trolley wire reel
tambour (m) du fil de ligne

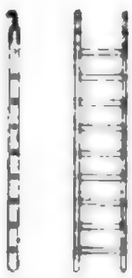
a

барабанъ (m) съ рабочимъ проводомъ
tamburo (m) mobile per il filo di linea *4*
tambor (m) del alambre de trabajo

Trommelwagen (m)
drum wagon
camion (m) pour *ou* à tambour [de câble]

вагонъ (m) съ барабаномъ
carro (m) a tamburo *5*
carro (m) para *ó* de tambor [de cable]

Leiter (f)
ladder, lean-to ladder
échelle (f) simple



[приставная] лѣстница (f) *6*
scala (f)
escalera (f) [sencilla]

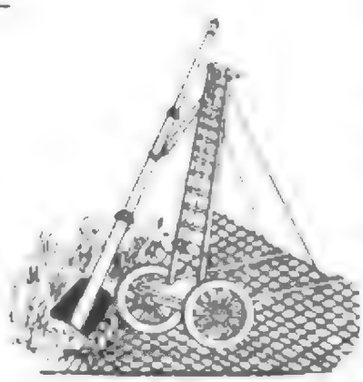
---

ausziehbare Leiter (f), Schubleiter (f)
extensible lean to ladder
échelle (f) extensible

выдвижная приставная лѣстница (f)
scala (f) allungabile *7*
escalera (f) extensible

---

fahrbare Leiter (f)
portable ladder, ladder on wheels
échelle (f) sur roues



лѣстница (f) на колёсахъ
scala (f) a corsoio su ruote *8*
escalera (f) montada sobre ruedas

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1 Gummihandschuh (m)
insulating glove, india-rubber glove
gant (m) en caoutchouc

резиновая перчатка (f)
guanto (m) *o* manopola (f) di gomma
guante (m) de goma

2 Sicherheitsgurt (m), Sicherheitsgürtel (m)
safety line, safety belt, life line
sangle (f) de sûreté, ceinture (f) de sûreté

предохранительный поясъ (m)
cinghia (f) di sicurezza, cintura (f) di sicurezza
cincho (m) *ó* cinturón (m) de seguridad

3 Montagematerial (n)
erection material
matériel (m) de montage

установочный матеріалъ (m)
materiale (m) di montaggio
material (m) de montaje

4 Montierungsspannung (f), Verlegungsspannung (f)
tension during erection
tension (f) de montage

натяженіе (n) при монтажѣ
tensione (f) di montaggio
tensión (f) de montaje

5 Zugmesser (m), Dynamometer (n)
tension dynamometer
dynamomètre (m) de traction

тяговый динамометръ (m)
dinamometro (m) di trazione
dinamómetro (m) de tracción

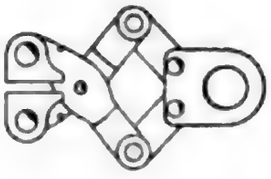
6 Federzugmesser (m), Federdynamometer (n)
spring dynamometer
dynamomètre (m) à ressort

пружинный динамометръ (m)
dinamometro (m) a molla
dinamómetro (m) de resorte

7 Spannklemme (f)
strainer
tendeur (m) à pince

натяжной зажимъ (m)
tenaglia (f) di tensione
pinza (f) de tensión

8 Zugklemme (f), Froschklemme (f)
draw vice, wire draw tongs
pince (f) de traction



лапка (f); лягушка (f); колѣнчатая натяжка (f)
tenaglia (f) di trazione
pinza (f) de tracción

9 Klemmhaken (m)
clamp hook
crochet (m) de fixation

зажимной крюкъ (m)
gancio (m) di chiusura
gancho (m) de sujeción

10 Würgeisen (n), Drahtwickler (m)
twist iron
pince (f) de torsion

крутило (n)
pinza (f) di torsione
pinzas (f pl) para retorcer *ó* de torsión

11 Büge ausklopfen (v)
to take out kinks
redresser (v) les faux plis au marteau

выпрям-ить (-лять) прогибы
radrizzare (v) le piegbe col martello
enderezar (v) los dobleces [con el martillo]

12 Klopfholz (n)
straightening wood block
battoir (m) *ou* batte (f)

колотушка (f)
battitore (m), pestello (m)
pisón (m)

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Kurvenrolle (f), Drahtleiterrolle (f)
curve pulley, wire guide pulley
galet (m) de pose en courbe, galet (m) guide-fil

роликъ (m) для натяженія проводовъ на закругленіяхъ; направляющій роликъ для проводовъ
rullo (m) di curvatura, rotella (f) guida filo
polea (f) para curvas, polea (f) de guía para el alambre *1*

---

den Draht abwickeln (v)
to pay out the wire
dérouler (v) *ou* débobiner (v) le fil

сматывать проволоку
svolgere (v) il filo dalla bobina
desarrollar (v) el alambre *2*

Drahtschere (f), Drahtabschneider (m)
wire cutter, nippers
coupe-fil (m), pince (f) coupante

кусачки (f pl); кусцы (m pl); ножницы (f pl)
tagliafilo (m)
corta-alambre (m) *3*

---

den Fahrdraht ausglühen (v)
to anneal the trolley wire
recuire (v) le fil de ligne

отжечь (отжигать) рабочій проводъ
ricuocere (v) il filo di linea
recocer (v) el alambre de trabajo *4*

---

den Fahrdraht ausspannen (v)
to stretch the trolley wire
tendre (v) le fil

растянуть (растягивать) проводъ
tendere (v) il filo
tender (v) el alambre *5*

---

den Fahrdraht auflegen (v)
to place *or* to string the trolley wire
poser (v) le fil de ligne

наложить (накладывать) проводъ
montare (v) il filo di linea
montar (v) el alambre de trabajo *6*

---

den Fahrdraht einklemmen (v)
to clamp the trolley wire
fixer (v) *ou* serrer (v) le fil à demeure

зажать (зажимать) рабочій проводъ
serrare (v) il filo di linea
sujetar (v) el hilo de trabajo *7*

---

den Fahrdraht einlöten (v)
to solder the trolley wire
souder (v) le fil à demeure

впаять рабочій проводъ
saldare (v) il filo di linea
soldar (v) el hilo de trabajo *8*

---

der Fahrdraht vereist
the trolley wire is covered with ice
le fil conducteur se couvre de glace

рабочій проводъ (m) обледенѣлъ
il filo di linea si copre di ghiaccio
el hilo de trabajo se cubre de escarcha *9*

Eiskratzer (m), Reifkratzer (m)
ice scraper, ice removing wheel
gratte-glace (m)

скребокъ (m) для удаленія ледяной коры
raschia-ghiaccio (m)
rascador (m) para quitar el hielo *10*

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X.

	Eisenbahnbetrieb	**Эксплоатація желѣзныхъ дорогъ**
	Railway Service	**Esercizio delle ferrovie**
	Exploitation des chemins de fer	**Explotación de los caminos de hierro**
1	Betrieb[s]einrichtung (f) organisation of service organisation (f) de l'exploitation	организація (f) желѣзнодорожной эксплоатаціи organizzazione (f) dell'esercizio organización (f) de la explotación
2	Betrieb[s]ordnung (f) company's rules and regulations, traffic regulations règlement (m) de service *ou* d'exploitation	правила (n pl) о порядкѣ эксплоатаціи regolamento (m) dell'esercizio reglamento (m) de explotación
3	Betrieb[s]mittel (n pl) rolling stock matériel (m) roulant *ou* d'exploitation	подвижной составъ (m) materiale (m) mobile *o* di esercizio material (m) móvil *ó* de explotación
4	Betrieb[s]weise (f) method *or* system of working mode (m) d'exploitation	методъ (m) эксплоатаціи sistema (m) di esercizio sistema (m) de explotación
5	Betrieb[s]führung (f) management conduite (f) *ou* direction (f) de l'exploitation	служба (f) эксплоатаціи *или* движенія; веденіе (n) эксплоатаціи direzione (f) dell' esercizio dirección (f) de la explotación
6	Betrieb[s]länge (f) length of line longueur (f) exploitée	эксплоатируемая длина (f) lunghezza (f) [di linea] esercitata longitud (f) explotada

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Zentralisierung (f) des Betriebes
centralisation of the service
centralisation (f) du service

централизація (f) службы
centralizzazione (f) del servizio
centralización (f) del servicio

1

---

starker Bahnbetrieb (m)
heavy railway service
service (m) intensif

усиленное желѣзнодорожное движеніе (n)
servizio (m) intenso *o* intensivo
servicio (m) intensivo

2

Betrieb[s]periode (f), Betrieb[s]zeitraum (m)
working period
période (f) de service

время (m) обращенія; періодъ (m) движенія
periodo (m) di servizio
periodo (m) de servicio

3

Betrieb[s]einnahmen (f pl)
gross receipts (pl), income
recettes (f pl) d'exploitation

доходъ (m) по эксплоатаціи
prodotto (m) dell'esercizio
ingresos (m pl) de la explotación

4

Betrieb[s]ausgaben (f pl)
working expenses, operating expenses (A)
dépenses (f pl) d'exploitation

расходы (m pl) по эксплоатаціи; издержки (f pl) на эксплоатацію
spese (f pl) d'esercizio
coste (m) de la explotación

5

Betrieb[s]überschüsse (m pl)
net receipts (pl) surplus
produit (m) net de l'exploitation, boni (m) d'exploitation

чистый доходъ (m) по эксплоатаціи
sopravanzo (m) *o* civanzo (m) d'esercizio
exceso (m) *ó* beneficio (m) de explotación

6

Betrieb[s]koeffizient (m), Betrieb[s]zahl (f)
ratio of working *or* operating expenses to gross receipts
coefficient (m) d'exploitation

эксплоатаціонный коеффиціентъ (m)
coefficiente (m) d'esercizio
coeficiente (m) de explotación

7

Zuggattung (f)
type of train
genre (m) de train

родъ (m) поѣзда; категорія (f) поѣзда
tipo (m) *o* specie (f) di treno
clase (f) de tren

8

Zugnummer (f)
number of train
numéro (m) du train

номеръ (m) поѣзда
numero (m) del treno
número (m) del tren

9

Schnellzug (m)
fast train
train (m) rapide [international]

скорый поѣздъ (m)
treno (m) direttissimo
tren (m) expreso; tren (m) rápido [internacional]

10

Eilzug (m)
express
train (m) rapide *ou* express, express (m)

ускоренный пассажирскій поѣздъ (m)
treno (m) rapido *od* internazionale *od* espresso *o* direttissimo
tren (m) rápido *ó* expreso

11

1	Personenzug (m) (im Gegensatz zu Schnellzug) slow train train-omnibus	обыкновенный пассажирскій поѣздъ (m) treno (m) omnibus tren (m) ómnibus
2	Personenzug (m) (im Gegensatz zu Güterzug) passenger train train (m) de voyageurs	пассажирскій поѣздъ (m) treno (m) omnibus, treno (m) passeggieri tren (m) de viajeros, tren (m) correo
3	Luxuszug (m) train de luxe train (m) de luxe	курьерскій поѣздъ (m) treno (m) di lusso tren (m) de lujo
4	Blitzzug (m), Expreßzug (m) express train train (m) éclair, rapide (m)	экспрессъ (m); поѣздъ (m) (f) молнія treno (m) lampo *od* espresso tren (m) relámpago *ó* rápido *ó* directo
5	durchgehender Zug (m), direkter Zug (m) non-stop-train train (m) direct (Belgique)	поѣздъ (m) прямого [безпересадочнаго] сообщенія treno (m) diretto tren (m) directo
6	D-Zug (m), durchgehender Zug (m) corridor train train (m) à couloir	поѣздъ (m) -гармоника (f) treno D (m), treno (m) di transito tren (m) de corredor
7	Zug (m) mit beschränkter Wagen- und Personenzahl limited train (A) train (m) à nombre de places limité *ou* à composition (f) limitée	поѣздъ (m) съ ограниченнымъ числомъ вагоновъ и пассажировъ treno (m) a posti limitati tren (m) limitado
8	Fernzug (m) long-distance train train (m) entre deux points éloignés	дальній поѣздъ (m) treno (m) fra due punti lontani tren (m) entre dos puntos lejanos
9	Vorortzug (m) suburban train train (m) de banlieue	поѣздъ (m) мѣстнаго *или* пригороднаго сообщенія; мѣстный поѣздъ treno (m) locale *o* di circonvallazione *o* di cintura tren (m) de arrabal
10	Dampferexpreßzug (m) boat train train (m) de paquebot	поѣздъ (m) для прямого пароходнаго сообщенія treno (m) di pacchebotto tren (m) que enlaza con un vapor
11	Ausflug[s]zug (m) excursion train train (m) de plaisir	дачный поѣздъ (m) treno (m) di piacere tren (m) de recreo

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Marktzug (m) market train train (m) de maraichers	мѣстный товаро-пассажирскій поѣздъ (m) treno (m) da fiera *o* da mercato tren (m) para hortelanos	*1*
Militärzug (m) military train train (m) *ou* convoi (m) militaire	воинскій поѣздъ (m) treno (m) militare tren (m) militar	*2*
Arbeiterzug (m) workmen's train train (m) d'ouvriers	поѣздъ (m) для рабочихъ treno (m) operaio tren (m) para obreros	*3*
Zug (m) mit Postbeförderung mail train train (m) avec wagon-poste, train-poste (m), courrier (m), train (m) utilisé par la poste	поѣздъ (m), перевозящій почту treno (m) con carro-postale *o* postale tren (m) con coche-correo, tren (m) correo	*4*
Güterzug (m) goods train, freight train (A) train (m) de marchandises	товарный поѣздъ (m) treno (m) merci tren (m) de mercancías	*5*
Stückgüterzug (m) parcel- *or* piece-goods train train (m) pour colis	поѣздъ (m) съ попуднымъ грузомъ treno (m) colli *o* bagagli tren (m) para paquetes	*6*
Rohgüterzug (m) raw-goods train train (m) de marchandises en vrac, train (m) de produits bruts	поѣздъ (m) съ повагоннымъ грузомъ treno (m) prodotti greggi tren (m) para mercancías á granel	*7*
Eilgüterzug (m) fast goods train train (m) de marchandises rapide	скорый товарный поѣздъ (m); товарный поѣздъ большой скорости treno (m) merci diretto tren (m) rápido de mercancías	*8*
gemischter Zug (m) mixed train, (train for passenger and goods traffic) train (m) mixte	товаро-пассажирскій *или* смѣшанный поѣздъ (m) treno (m) misto tren (m) mixto	*9*
Schleppzug (m), Sammelzug (m) goods collecting train train (m) combiné, train (m) collecteur	сборный поѣздъ (m) treno (m) combinato *o* collettore tren (m) combinado, tren (m) colector	*10*
Materialzug (m) material train train (m) [pour le transport] des matériaux *ou* de ballast	матеріальный поѣздъ (m) treno (m) trasporto materiali *o* di ballast tren (m) [para el transporte] de materiales	*11*

1	Kohlenzug (m) coal train train (m) pour le transport des charbons	поѣздъ (m) съ углемъ treno (m) trasporto di carbone tren (m) [para el transporte] de carbones
2	Viehzug (m) cattle train train (m) de bétail	поѣздъ (m) съ живымъ грузомъ [скотомъ] treno (m) bestiame tren (m) para ganados
3	Arbeitszug (m) train for carrying materials for construction train (m) de service	рабочій поѣздъ (m) treno (m) di lavoro tren (m) de servicio
4	Hilfszug (m) relief train train (m) de secours	вспомогательный поѣздъ (m) treno (m) di soccorso tren (m) de socorro
5	Lazarettzug (m), Sanitätszug (m) hospital train train (m) hôpital *ou* train sanitaire	санитарный поѣздъ (m) treno (m) ospedale tren (m) de sanidad
6	fahrplanmäßiger Zug (m) scheduled train train (m) conforme à l'horaire *ou* régulier	поѣздъ (m), предусмотрѣнный росписаніемъ; очерёдный поѣздъ (m) treno (m) in orario tren (m) ordinario
7	Sonderzug (m) special train train (m) spécial	экстренный поѣздъ (m) treno (m) speciale tren (m) especial
8	Bedarfszug (m) auxiliary train train (m) facultatif	условный поѣздъ (m) treno (m) facoltativo tren (m) facultativo
9	Hofzug (m) royal train train (m) de la cour, train (m) royal, train (m) impérial	придворный поѣздъ (m) treno (m) di corte *o* imperiale *o* reale tren (m) real *ó* imperial
10	Rangordnung (f) der Züge order of importance of trains classement (m) des trains suivant leur importance *ou* rang	степень (f) важности поѣзда distinzione (f) dei treni secondo la loro importanza *o* grado clasificación (f) de los trenes por su importancia
11	Zugstärke (f) make-up of train composition (f) d'un train	составъ (m) поѣзда composizione (f) del treno composición (f) del tren
12	Zuglänge (f) length of train longueur (m) d'un train	длина (f) поѣзда lunghezza (f) del treno longitud (f) del tren
13	Zuggewicht (n) weight of train poids (m) d'un train	вѣсъ (m) поѣзда peso (m) del treno peso (m) del tren

durchgehender Wagen (m), direkter Wagen (m)
through carriage
voiture (f) à directe

вагонъ (m) прямого *или* сквозного сообщенія
carrozza (f) diretta
vagón (m) directo
1

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während der Fahrt abzukuppelnder Wagen (m)
slip carriage
voiture (f) *ou* wagon (m) à décrocher en marche

вагонъ (m), подлежащій отцѣпкѣ на ходу
carrozza (f) *o* carro (m) da staccare *o* da rilasciare in marcia
vagón (m) que se ha de desenganchar en el trayecto
2

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einen Wagen während der Fahrt abkuppeln (v)
to slip a carriage
décrocher (v) un wagon en marche

отцѣпить вагонъ на ходу
rilasciare (v) un carro in marcia
desenganchar (v) un vagón en el trayecto
3

Kurswagen (m)
goods wagon without special destination
wagon (m) de marchandises faisant la navette

товарный вагонъ (m) со сборнымъ грузомъ разныхъ станцій какъ отправленія такъ и назначенія
carro (m) merci facente navetta
vagón (m) [de mercancías] de ida y vuelta
4

Ortwagen (m)
goods wagon with special destination
wagon (m) avec pleine charge [pour le service entre deux localités]

товарный вагонъ (m) съ грузомъ одной станціи назначенія
carro (m) a carico completo facente servizio fra due località
vagón (m) completo
5

Bereitschaftswagen (m), Reservewagen (m)
stand-by *or* spare wagon
voiture (f) *ou* wagon (m) de réserve

запасной вагонъ (m)
carrozza (f) *o* carro (m) di riserva
vagón (m) de reserva
6

Bahnaufsichtsbehörde (f)
railway control-authority
autorités (f) chargées de la surveillance

желѣзнодорожная инспекція (f)
autorità (f pl) incaricate della sorveglianza, ispettorato (m), commissariato (m)
autoridades (f pl) encargadas de la vigilancia
7

Bahnverwaltung (f)
railway administration
administration (f) du chemin de fer

[у]правленіе (n) желѣзной дороги; желѣзнодорожное [у]правленіе
amministrazione (f) della ferrovia
administración (f) de los caminos de hierro
8

1	Betriebsbeamter (m) service official agent [du service] de l'exploitation	желѣзнодорожный агентъ (m) по эксплоатаціи agente (m) del servizio *o* dell'esercizio empleado (m) del servicio *ó* de la explotación
2	Stationsdienst (m) station service service (m) de gare	станціонная служба (f) servizio (m) di stazione servicio (m) de estación
3	Bahnhof[s]vorsteher(m), Stationsvorsteher (m) station master chef (m) de station	начальникъ (m) станціи capo-stazione (m) jefe (m) de estación
4	Fahrdienstleiter (m), Zugexpedient (m) assistant station master sous-chef (m) de station, chef (m) du mouvement	дежурный агентъ (m) по движенію; дежурный (m) по станціи sotto (m) capo-stazione *o* capo del movimento e traffico subjefe (m) de estación, je (m) del movimiento
5	Zugleiter (m) train dispatcher (A) chef (m) du mouvement des trains (Etats-Unis)	агентъ (m), вѣдающій назначеніемъ поѣздовъ capo (m) del movimento dei treni jefe (m) del movimiento de los trenes
6	Schalterbeamter (m) booking clerk agent (m) *ou* employé (m) du guichet *ou* préposé au guichet	конторщикъ (m) по движенію agente (m) *od* impiegato (m) allo sportello empleado (m) de la taquilla
7	Fahrkartenkontrolleur (m) ticket collector, ticket examiner contrôleur (m) des billets	билетный контролёръ (m) controllore (m) dei biglietti revisor (m) de billetes
8	Bahnpolizei (f) railway police police (f) des chemins de fer	желѣзнодорожная полиція (f) [жандармская] polizia (f) delle strade ferrate policía (f) de los caminos de hierro
9	Bahnpolizeibeamter (m) railway policeman agent (m) chargé de la police des chemins de fer *ou* commissaire (m) de survaillance	агентъ (m) желѣзнодорожной полиціи; жандармскій чинъ (m) agente (m) incaricato della polizia della via ferrata agente (m) de la policía de los caminos de hierro

Weichensteller (m) pointsman, switch tender (A) aiguilleur (m)	стрѣлочникъ (m) guardascambio (m) guarda-agujas (m)	1
Streckendienst (m) line service service (m) de section	линейная служба (f) пути servizio (m) di sezione servicio (m) de sección	2
Streckenbegehung (f) inspection of line parcours (m) des sections	сторожевой обходъ (m) участка ispecione (f) delle sezioni recorrido (m) de las secciones	3
Streckeningenieur (m) superintendingengineer ingenieur (m) ordinaire	начальникъ (m) участка пути ingegnere (m) di sezione ingeniero (m) de sección	4
Bahnmeister (m), Bahnaufseher (m) platelayers foreman, inspector (of gang) piqueur (m), surveillant (m) de la voie	дорожный мастеръ (m) caposquadra (f) della manutenzione, capocantoniere (m) inspector (m) de vía, capataz (m), jefe (m) de cantón	5
Arbeiterrotte (f) gang of workmen equipe (f) d'ouvriers	артель (f) рабочихъ squadra (f) di operai brigada (f) de obreros	6
Rottenführer (m) foreman of gang chef (m) d'équipe	артельный староста (f) старшій рабочій (m) capo (m) squadra cabo (m), capataz (m)	7
Streckenarbeiter (m), Rottenarbeiter (m) platelayer, trackman ouvrier (m) de la voie	ремонтный *или* дорожный рабочій (m) cantoniere (m) *od* operaio (m) della linea peón (m), asentador (m), obrero (m)	8
Bahnbewachung (f) permanent way inspection surveillance (f) de la voie	путевая стража (f) sorveglianza (f) della via vigilancia (f) de la vía	9
Bahnwärter (m), Streckenwärter (m), Streckenläufer (m) flagman garde-ligne (m), garde-route (m)	дорожный *или* линейный сторожъ (m) guardiano (m) della linea *o* cantoniere *o* caselliere guardavías (m), vigilante (m)	10
Schrankenwärter (m), Schrankenwache (f) gate-keeper garde-barrière (m)	переѣздный сторожъ (m) guardabarriera (m) guardabarrera (m)	11
Zugmannschaft (f), Zugbesatzung (f) train staff, crew (A) personnel (m) du train	поѣздная бригада (f) personale (m) del convoglio personal (m) del tren	12

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1	Zugführer (m), Oberkondukteur (m) head guard, chief conductor (A) chef (m) de train, chef garde (m), conducteur-chef (m)	главный *или* старшій кондукторъ (m); оберъ-кондукторъ (m) capotreno (m) jefe (m) de tren
2	Schaffner (m), Kondukteur (m) guard, conductor (A) garde (m), garde-convoi (m)	кондукторъ (m) conduttore (m) revisor (m), conductor (m)
3	Packmeister (m) luggage van guard garde-bagages (m), facteur (m) du train, chef (m) [des] bagages *ou* bagagiste (m), fourgonnier (m)	багажный кондукторъ (m); раздатчикъ (m) груза guardabagaglio (m) factor (m)
4	Bremser (m) brakesman serre-frein (m)	тормазильщикъ (m); тормазной кондукторъ (m) guardafreno (m), frenatore (m) guardafrenos (m)
5	Wagenmeister (m) rolling stock foreman chef-manœuvre (m), chef (m) du triage	вагонный мастеръ (m) capo (m) manovra, capo (m) di smistamento jefe (m) de maniobra [de los vagones]
6	Wagenwärter (m) rolling stock mechanic homme (m) de peine *ou* manœvre (m) employé aux wagons	вагонный осмотрщикъ (m) personale (m) di servizio delle vetture *o* guardacarro mozo (m) encargado del servicio de los vagones
7	Lokomotivmannschaft (f) engine crew personnel (m) de la locomotive	паровозная прислуга (f) *или* бригада (f) personale (m) della locomotiva personal (m) de la locomotora
8	Lokomotivführer (m) engine driver, engineer (A) machiniste (m) *ou* mécanicien (m)	машинистъ (m) macchinista (m), quidatore (m) maquinista (m)
9	Lokomotivführergehilfe (m) assistant engine driver aide-machiniste (m)	помощникъ (m) машиниста aiuto (m) macchinista ayndante (m) del maquinista
10	Heizer (m) stoker, fireman (A) chauffeur (m)	кочегаръ (m) fuochista (m) fogonero (m)

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einfache Lokomotivbesetzung (f)
one crew per engine
équipe (f) unique attachée à la même locomotive

обслуживаніе (n) каждаго паровоза одною постоянною бригадою
squadra (f) unica addetta alla locomotiva
equipo (m) sencillo de la locomotora
1

Doppelbesetzung (f) der Lokomotive
two crews per engine
équipe (f) double attachée à la même locomotive

обслуживаніе (n) паровозовъ двумя для каждаго паровоза бригадами
squadra (f) doppia addetta alla locomotiva
equipo (m) doble de la locomotora
2

Heizprämie (f)
stoking premium
prime (f) d'économie de combustible

премія (f) за экономію топлива
premio (m) d'economia di combustibile
prima (f) de economía de combustible
3

Betrieb[s]dienst (m)
service
service (m) d'exploitation

служба (f) эксплоатаціи *или* движенія
servizio (m) attivo
servicio (m) de explotación
4

Dienstanweisung (f)
service instructions, service rules
instruction (f) de service, prescriptions (f pl) pour le service

служебныя инструкціи (f pl)
norme (f pl) di servizio
instrucción (f) para el servicio
5

Dienstbefehl (m)
service orders
ordre (m) de service

приказъ (m)
ordine (m) di servizio
orden (f) de servicio
6

Innendienst (m)
station service
service (m) intérieur de gare

служба (f) зданій
servizio (m) interno
servicio (m) interior *ó* de estación
7

Außendienst (m)
line service
service (m) de la ligne

служба (f) пути
servizio (m) esterno
servicio (m) exterior *ó* de vía
8

Fahrdienst (m)
train service
service (m) des trains

служба (f) движенія
servizio (m) dei treni
servicio (m) de trenes
9

Fahrdienstvorschriften (f pl)
traffic instructions
instructions (f pl) pour le service des trains

инструкціи (f pl) по службѣ движенія
istruzioni (f pl) pel servizio dei treni
instrucciones (f pl) para el servicio de los trenes
10

Fahrbericht (m)
traffic report
feuille (f) de marche *ou* de route

поѣздной журналъ (m)
foglio (m) di via
hoja (f) de ruta
11

1	Fahrordnung (f) traffic order roulement (m) des trains, itinéraire (m) des trains	порядокъ (m) назначенія поѣздовъ; расписаніе (n) движенія поѣздовъ turno (m) dei treni, itinerario (m) dei treni itinerario (m) [de los trenes]
2	Fahrerlaubnis (f) permission to start *or* to go ahead permis (m) de marche	разрѣшеніе (n) на отправку поѣзда permessi (m pl) di marcia permiso (m) de marcha
3	Fahrrecht (n) right of station master to use all lines of his section droit (m) de disposer de voies	право (n) пользованія станціонными путями diritto (m) di disporre della via derecho (m) de disponer de las vias
4	Fahrt (f) journey, trip trajet (m), voyage (m)	проѣздъ (m); поѣздка (f); ходъ (m) corsa (f), movimento (m) viaje (m), trayecto (m)
5	Stillstand (m), Aufenthalt (m) stop arrêt (m)	стоянка (f); остановка (f) fermata (f) parada (f), alto (m)
6	Fahrtrichtung (f) direction of journey sens (m) de la circulation	направленіе (n) движенія senso (m) della circolazione sentido (m) de la marcha
7	Fahrzeit (f) time taken by journey durée (f) du voyage *ou* du parcours	время (n) хода *или* пробѣга durata (m) del viaggio *o* del percorso duración (f) del viaje
8	kürzeste Fahrzeit (f) shortest time taken by journey durée (f) minima du voyage	кратчайшее время (n) хода *или* пробѣга minima (f) durata del percorso duración (f) minima del viaje
9	Zugkreuzung (f) train crossing croisement (m) de trains	скрещеніе (n) поѣздовъ incrocio (m) di treni cruce (m) de trenes
10	die Züge kreuzen sich the trains cross each other les trains se croisant	поѣзда (m pl) скрещиваются i treni si incrociano, si scambiano los trenes se cruzan
11	Zugüberholung (f) overtaking of a train dépassement (m) d'un train	обгонъ (m) поѣзда oltrepasso (m) di un treno alcance (m) de un tren á otro

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die Züge überholen sich the thrains overtake each other les trains se croisent *ou* un train dépasse l'autre	поѣзда (m pl) обгоняютъ другъ друга i treni si incrociano, oppure uno oltrepassa l'altro *o* da il passo all'altro un tren alcanza á otro	*1*
Zugverspätung (f) delay of train retard (m) d'un train	опозданіе (n) поѣзда ritardo (m) di un treno retraso (m) de un tren	*2*
Zuganschluß (m) train connection correspondance (m) des trains	согласованность(f) расписаній поѣздовъ corrispondenza (f) dei treni enlace (m) de trenes	*3*
einen Anschluß abwarten (v) to wait for a connection attendre (v) la correspondance des trains	ожидать согласованный поѣздъ aspettare (v) la corrispondenza dei treni esperar (v) el enlace de los trenes	*4*
Zugpause (f) interval between two trains intervalle (m) entre le passage de deux trains	время (n) отъ одного поѣзда до другого intervallo (m) fra il passaggio di due treni marcia in controvia *od* in senso contrario intervalo (m) entre el paso de dos trenes	*5*
Zugabfertigung (f) train despatch expédition (f) d'un train	отправка (f) поѣзда spedizione (f) di un treno expedición (f) del tren	*6*
den Zug ablassen (v) to despatch the train lancer (v) *ou* expédier (v) le train	отправ-ить (-лять) поѣздъ spedire (v), lasciar partire (v) il treno, dare (v) la partenza al treno lanzar (v) ó expedir (v) el tren, dar (v) la salida	*7*
den Zug einlassen (v) to let the train run in permettre (v) l'entrée d'un train	прин-ять *или* (-имать) поѣздъ dare (v) libera l'entrata ad un treno permitir (v) la entrada del tren	*8*
den Zug durchlassen (v) to let the train run through permettre (v) le passage d'un train	пропус-тить (-кать) поѣздъ dare (v) via libera ad un treno permitir (v) el paso del tren	*9*
Einfahrt (f) des Zuges arrival of train arrivée (f) d'un train	приходъ (m) поѣзда arrivo (m) di un treno llegada (f) del tren	*10*
Ausfahrt (f) des Zuges departure of train départ (m) d'un train	отходъ (m) поѣзда partenza (f) di un treno partida (f) del tren	*11*

1	Durchfahrt (f) des Zuges running-through of train passage (m) des trains	прохожденіе (n) поѣзда безъ остановки passaggio (m) di un treno paso (m) del tren
2	der Zug fährt durch the train runs through le train passe	поѣздъ (m) проходитъ мимо il treno passa el tren pasa
3	Ankunftzeit (f) time of arrival heure (f) d'arrivée	время (n) прибытія ora (f) di arrivo hora (f) de llegada
4	Abfahrtzeit (f) time of departure heure (f) de départ	время (n) отправленія ora (f) di partenza hora (f) de partida *ó* de salida
5	Zugmeldeverfahren (n) method of train signalling mode (m) d'annonce de l'arrivée d'un train	способъ (m) извѣщенія о движеніи поѣздовъ; [обмѣнъ (m) поѣздными депешами] modo (m) di annunziare l'arrivo di un treno modo (m) de anunciar la llegada de los trenes
6	Zugmeldestelle (f) train signalling point endroit (m) d'où un train est annoncé	станція (f), извѣщающая объ отправкѣ поѣзда; [станція, запрашивающая путевую депешу] luogo (m) da cui un treno è annunziato punto (m) desde el que se anuncia la llegada de un tren
7	Zugmeldedienst (m) train signalling service service (m) avec annonce des trains	служба (f) извѣщенія о движеніи поѣздовъ; [служба телеграфа] servizio (m) con annunzio di un treno servicio (m) con anuncio de llegada de los trenos
8	den Zug anbieten (v) to offer the train demander (v) l'entrée d'un train	предложить поѣздъ; [запросить (запрашивать) путевую депешу] domandare (v) l'entrata di un treno pedir (v) la entrada del tren
9	den Zug annehmen (v) to accept the train permettre (v) l'entrée d'un train	принять поѣздъ; отвѣтить (-чать) путевою депешою permettere (v) l'entrata di un treno permitir (v) la entrada del tren

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Abmelden (n) des Zuges signalling the departure of the train annonce (f) du départ d'un train	извѣщеніе (n) объ отправкѣ поѣзда; депеша (f) „поѣздъ отправился“ annunzio (m) della partenza di un treno anuncio (m) de la salida de un tren	1
Rückmelden (n) des Zuges back-signalling the train annonce (f) de l'arrivée d'un train	извѣщеніе (n) о приходѣ поѣзда; [депеша „поѣздъ прибылъ“] annunzio (m) dell' arrivo di un treno anuncio (m) de la llegada de un tren	2
Zugmeldebuch (n) train signalling record-book livre (m) *ou* registre (m) des télégrammes d'annonces de trains	суточный журналъ (m) поѣздныхъ депешъ registro (m) dei telegrammi d'annunzio dei treni registro (m) de [telegramas de] anuncios de los trenes	3
den Zug anhalten (v) to stop the train arrêter (v) le train	остановить *или* задержать поѣздъ arrestare (v) il treno detener (v) el tren	4
Abläuten (n) des Zuges ringing off the train sonnerie (f) d'annonce du train	заявка (f) поѣзда segnale (m) di partenza del treno señal (f) de llegada *ó* partida	5
Anhalten (n) des Zuges (intr.) stopping of the train arrêt (m) du train	остановка (f) поѣзда fermata (f) di treno parada (f) *ó* detención (f) del tren	6
einsteigen (v) to enter, to step in, to get on, to board (the train) monter (v) *ou* entrer (v) en voiture	сѣсть (садиться) въ вагонъ montare (v), entrare (v) nelle vetture subir (v) al coche *ó* entrar (v) en el coche	7
aussteigen (v) to alight, to get off, to leave (the train) descendre (v) *ou* sortir (v) de voiture	выйти (выходить) изъ вагона discendere (v), uscire (v) dalle vetture bajar (v) *ó* salir (v) del coche	8
umsteigen (v) to change changer (v) de voiture	пересаживаться: перейти (переходить) въ другой вагонъ cambiare (v) vettura cambiar (v) de coche *ó* de tren	9
Umsteigen (n) changing changement (m) de voiture	пересадка (f) cambio (m) di vettura cambio (m) de coche	10

1	Zugwechsel (m) change of train changement (m) de train	пересадка (f) въ другой поѣздъ cambiamento (m) di treno cambio (m) de tren
2	Lokomotivwechsel (m), Maschinenwechsel (m) change of engine changement (m) *ou* remplacement (m) de la locomotive	смѣна (f) паровоза cambio (m) *o* rimpiazzo (m) della locomotiva cambio (m) de la locomotora
3	Wagenwechsel (m) change of carriage changement (m) *ou* remplacement d'un wagon *ou* d'une voiture	смѣна (f) вагоновъ cambio (m) *o* rimpiazzo (m) di una carrozza cambio (m) de un vagón
4	Gepäckabfertigung (f) despatching of luggage enrégistrement (m) des bagages	отправка (f) багажа registrazione (f) dei bagagli registro (m) de equipajes
5	Gepäckannahme (f) acceptance of luggage bureau (m) des bagages au départ, réception (f) des bagages	пріёмъ (m) багажа къ отправленію ufficio bagagli (m) *o* di ricevimento-bagagli (m) recepción (f) de equipajes
6	Gepäckausgabe (f) delivery of luggage salle (f) des bagages à l'arrivée, remise (f) des bagages (aux voyageurs)	выдача (f) багажа sala (f) bagagli in arrivo per la riconsegna entrega (f) de equipajes
7	Gepäckträger (m) porter facteur (m), porteur (m) de bagages, commissionnaire (m)	носильщикъ (m) fattorino (m) factor (m)
8	Obergepäckträger (m) head-porter chef-facteur (m)	старшій *или* главный носильщикъ (m) capo-fattorino (m) factor-jefe (m)
9	Schutzwagen (m) buffer car *or* wagon wagon (m) [de] sécurité, wagon (m) tampon	предохранительный вагонъ (m) vagone (m) di sicurezza, vagone (m) tampone vagón (m) de seguridad *ó* de choque
10	Bereitschaftslokomotive (f), Reservelokomotive (f) stand-by *or* emergency engine locomotive (f) de réserve	дежурный паровозъ (m) locomotiva (f) di riserva locomotora (f) de reserva
11	Fahrgeschwindigkeit (f) travelling speed vitesse (f) de marche	скорость (f) хода velocità (f) di marcia velocidad (f) de marcha

a

Höchstgeschwindigkeit (f) maximum speed vitesse (f) maxima	максимальная *или* наибольшая скорость (f) velocità (f) massima velocidad (f) máxima	1
Mindestgeschwindigkeit (f) minimum speed vitesse (f) minima	минимальная *или* наименьшая скорость (f) velocità (f) minima velocidad (f) mínima	2
durchschnittliche Geschwindigkeit (f) mean *or* average speed vitesse (f) moyenne	средняя скорость (f) velocità (f) media velocidad (f) media	3
Fahrkarte (f), Billet (n) ticket billet (m) *ou* coupon (m) de chemin de fer	[пассажирскій] билетъ (m) biglietto (m) di viaggio billete (m) del ferrocarril	4
Probefahrt (f), Versuchsfahrt (f) trial trip voyage (m) d'essai	пробный проѣздъ (m) пробная поѣздка (f); corsa (f) di prova viaje (m) de prueba	5
Fahrgeld (n) fare prix (m) du billet *ou* du trajet	плата (f) за проѣздъ prezzo (m) del biglietto di viaggio precio (m) del billete *ó* del trayecto	6
Erhebung (f) des Fahrgeldes collection of fares perception (f) du prix	взиманіе (n) платы за проѣздъ incasso (m) del prezzo percepción (f) del precio	7
Verschiebedienst (m), Rangierdienst (m) shunting service, switching service (A) service (m) de manœuvre *ou* de composition et de décomposition *ou* de triage	служба (f) манёвровъ servizio (m) di manovra servicio (m) de maniobras	8
Verschiebemannschaft (f), Rangierpersonal (n) shunters personnel (m) du triage *ou* du service des manœuvres	составители (m pl) поѣздовъ и спѣлщики personale (m) al servizie delle manovre *o* di smistamento personal (m) del servicio de maniobras	9
Verschiebe- *oder* Rangiermeister (m), Schirrmeister (m), Oberverschieber (m) shunting master chef-manœuvre (m) facteur-trieur (m)	старшій составитель (m) поѣздовъ: завѣдывающій (m) манёврами capo (m) manovra ed agente di smistamento *o* smistatore jefe (m) de los mozos	10

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1	Verschieber (m), Rangierarbeiter(m), Schirrmann (m) shunter ouvrier (m) du service des manœuvres *ou* de triage	младшій составитель (m) поѣздовъ agente (m) al servizio delle manovre *o* dello smistamento mozo (m) [del servicio de maniobras]
2	Verschiebebewegung (f), Rangierbewegung (f) shunting mouvements (m pl) *ou* manœuvres (f pl) de triage	передвиженія (m pl) для манёвровъ movimento (m) *o* manovre (f pl) di smistamento movimientos (m pl) *ó* maniobras (f pl) de formación
3	verschieben (v), rangieren (v) to shunt trier (v), opérer (v) des manœuvres	маневрировать smistare (v), esegnire (v) delle manovre hacer (v) maniobras de formación
4	Zugbildung (f), Zusammenstellung (f) der Züge making-up *or* marshalling of trains formation (f) d'un train, composition (f) des trains	составленіе (n) поѣздовъ formazione (f) di un treno, formazione (f) *o* composizione (f) dei treni formación (f) de los trenes
5	Zerlegung (f) der Züge splitting up of trains décomposition (f) *ou* débranchement (m) des trains	разборка (f) *или* разсортировка (f) поѣздовъ scomposizione (f) dei treni descomposición (f) de los trenes
6	Umbildung (f) der Züge re-marshalling *or* re-sorting the trains modification (f) dans la composition d'un train	пересоставленіе (n) поѣздовъ; пересортировка (f) поѣздовъ scomposizione (f) dei treni transformación (f) de los trenes
7	Zugbildungsstation (f) marshalling depot, sorting station gare (f) de formation [des trains]	станція (f) для составленія поѣздовъ; сортировочная станція stazione (f) di formazione dei treni estación (f) de formación de los trenes
8	Wagensatz (m) wagons *or* set of cars forming a train nombre (m) de voitures d'un train régulier	составъ (m) поѣзда numero (m) di vetture di un treno regolare número (m) de vagones de un tren
9	Umlaufzeit (f) period of journey temps (m) de parcours jusqu'au retour à la gare de départ	время (n) оборота durata (f) del percorso sino al ritorno alla stazione di partenza tiempo (m) de recorrido hasta la vuelta á la estación de partida

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Verschieben (n) der Wagen shunting of wagons *or* cars triage (m) des voitures *ou* wagons	манёвры (m pl) вагонами smistamento (m) di carrozze *o* di carri formación (f) de los vagones	1
Wagen ansetzen (v) attaching additional wagons *or* cars accrocher (v) *ou* ajouter (v) *ou* atteler (v) des wagons	прицѣплять вагоны attaccare (v) *o* aggiungere (v) dei carri enganchar (v) *ó* añadir (v) vagones	2
Aussetzung (f) eines Wagens detachment of a coach (vehicle) décrochement (m) *ou* abandon (m) d'un wagon	отцѣпка (f) *или* отцѣпленіе (n) вагона distacco (m) di una vettura abandono (m) de un vagón	3
ein Fahrzeug aussetzen (v) *oder* absetzen (v) to detach a coach *or* vehicle abandonner (v) *ou* différer (v) un véhicule, décrocher (v) un wagon	отцѣп-ить (-лять) вагонъ staccare (v) un veicolo abandonar (v) *ó* dejar (v) un vagón	4
Einsetzung (f) *oder* Einstellen (n) eines Fahrzeuges putting on of a coach *or* vehicle adjonction (f) d'un wagon	прицѣпка (f) *или* прицѣпленіе (n) вагона aggiunta (f) d'un veicolo adición (f) de un vagón	5
ein Fahrzeug einsetzen (v) to put on a coach *or* vehicle adjoindre (v) *ou* ajouter (v) un wagon	прицѣп-ить (-лять) вагонъ aggiungere (v) un veicolo añadir (v) *ó* agregar (v) un vagón	6
Umsetzung (f) der Lokomotive reversing the position of the locomotive passage (m) de la locomotive de tête en queue	перестановка (f) паровоза cambio (m) [di posto] della locomotiva paso (m) de la locomotora de la cabeza á la cola	7
Umsetzen (n) eines Fahrzeuges reversing the position of a wagon *or* car faire (m) passer un véhicule de tête en queue	перестановка (f) вагона spostare (v) un veicolo dalla testa alla coda acción (f) de pasar un vágon de la cabeza à la cola del tren	8

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Bahnhof[s]lokomotive (f), Verschiebelokomotive (f), Rangierlokomotive (m)
1 shunting engine, switcher (A)
locomotive (f) de manœuvre *ou* pour le triage

маневровый паровозъ (m); паровозъ для маневровъ *или* для станціонной службы; дежурный паровозъ; кукушка (f); ракъ (m)
locomotiva (f) di manovra per smistare
locomotora (f) de maniobra

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die Wagen vorziehen (v)
to pull a car past the
2 points
faire (v) franchir les aiguilles aux wagons

выводить вагоны за стрѣлку
far oltrepassare (v) gli aghi dai carri
hacer (v) pasar las agujas á los vagones

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die Wagen zurückdrücken (v)
to push the wagons
3 back
pousser (v) un wagon en arrière

осаживать вагоны
respingere (v) *o* spingere (v) indietro i carri
empujar (v) los vagones hacia atrás

---

die Wagen abdrücken (v)
to push off the wagons
4 *or* cars
pousser (v) un wagon sur le dos d'âne

осаживать вагоны [подлежащіе отцѣпкѣ]
spingere (v) i carri a dorso di asino
empujar (v) los vagones hacia la albardilla

Abstoßen (n) der Wagen
pushing off the wagons *or* cars
manœuvre (m) à coup
5 de-tampon, lancé (m) d'un wagon *ou* lancement (m) par tamponnement, manœuvre (f) au lancer

выкидываніе (n) вагоновъ
stanciare (v) i carri *o* spingerli (v) *o* dare (v) loro una spinta
maniobra (f) de lanzas los vagones por choque

Verschieben (n) mit Stoßbaum
6 poling (A)
manœuvre (m) au lancer *ou* au madrier

перемѣщеніе (n) вагона при помощи подвижной штанги паровоза
manovra (f) di lanciamento con albero *o* palo di spinta
maniobra (f) de lanzar los vagones par medio de un madero

Stoßlokomotive (f)
ram *or* poling engine
7 locomotive (m) opérant le lancer au moyen d'un madrier

маневровый паровозъ (m) съ подвижной штангой для перемѣщенія вагоновъ
locomotiva (f) di spinta
locomotora (f) que lanza los vagones por medio de un madero

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Sägebewegung (f), Sägen (n)
to-and fro movement
mouvement (m) de va et vient pour le triage, triage (m) (par traction et tamponnement)

движеніе (n) взадъ и впередъ [при сортировкѣ осаживаніемъ *или* выкидываніемъ]
movimento (m) di va e vieni per lo smistamento per trazione *o* per spinta
movimiento (m) de vaivén para la formación

1

Abschneppern (n), Kunstfahrt (f)
switching off a vehicle
lancement (m) d'une partie d'un train sur un changement de voie

маневры (m pl), при которыхъ на ходу отцѣпляется часть поѣзда, паровозъ съ вагонами, ускоряя ходъ, проходятъ стрѣлку, послѣ чего отцѣпленные вагоны, двигаясь по инерціи, переводятся стрѣлкою на другой путь
spinta (f) di una parte di un treno in un binario biforcato *o* deviato
lanzamiento (m) de una parte del tren hacia un cambio de vía

2

Schnepperweiche (f)
fly switch
aiguille (f) *ou* s'opère le lancement

стрѣлка (f) для перевода отцѣпленныхъ на ходу вагоновъ
scambio (m) su cui si effettua il lanciamento *o* la spinta
aguja (f) donde se opera el lanzamiento

3

Wiederherstellungsarbeit (f)
repairing work
travail (m) de réparation

[капитальный] ремонтъ (m); ремонтныя работы (f pl)
lavoro (m) di riparazione
trabajo (m) de reparación

4

Ausbesserungsbestand (m)
rolling stock under repair
matérial (m) de traction à réparer

число (n), находящихся одновременно въ ремонтѣ . . . .
fondo (m) di riparazione
material (m) de móvil para reparar

5

Unterhaltungsarbeit (f)
maintenance work
travail (m) d'entretien

текущій ремонтъ (m)
lavoro (m) di manutenzione
trabajo (m) de entretenimiento

6

Fahrpark (m)
rolling stock
parc (m) à voitures *ou* à wagons

весь подвижной составъ (m)
parco (m) di carrozze *o* di carri *o* materiale mobile
parque (m) para vagones

7

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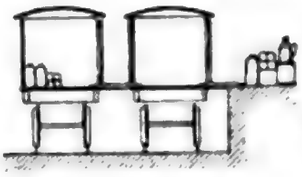
1	Wagenpark (m) carriage rolling stock parc (m) à voitures *ou* à wagons	вагонный паркъ (m) parco (m) di carri parque (m) para vagones
2	Wagenbestand (m) number of rolling stock stock (m) *ou* effectif (m) de wagons	инвентарь (m) вагоновъ dotazione (f) di vagoni número (m) efectivo de vagones
3	bahnamtliche Untersuchung (f) official inspection visite (f) *ou* inspection (f) officielle	осмотръ (m) начальствующими лицами visita (f) *o* ispezione (f) ufficiale visita (f) *ó* inspección (f) oficial [á cargo de la administración de los ferrocarriles]
4	Zugverkehr (m) (train) traffic mouvement (m) *ou* trafic (m) des trains	движеніе (n) поѣздовъ movimento (m) dei treni movimiento (m) *ó* circulación (f) de trenes
5	rechts fahren (v) to run on the right track circuler (v) sur la voie de droite	слѣдовать по правому пути circolare (v) sulla via destra circular (v) por la vía de la derecha
6	links fahren (v) to run on the left track circuler (v) sur la voie de gauche	слѣдовать по лѣвому пути circolare (v) sulla via sinistra circular (v) por la vía de la izquierda
7	Fahrt (f) auf falschem Gleis running on the wrong track marche (f) à contre-voie	движеніе (n) по неправильному пути circolare (v) su binario falso marcha (f) por la vía contraria
8	Linienbetrieb (m) line traffic service (f) de ligne	группировка (f) движенія по линіямъ servizio (m) delle linee servicio (m) de líneas
9	Richtungsbetrieb (m) direction traffic service (m) de direction	группировка (f) движенія по направленіямъ servizio (m) di direzione servicio (m) de dirección
10	Beförderungsweite (f) mileage distance (f) de transport	дальность (f) перевозки distanza (f) di trasporto longitud (f) de transporte

kilometrische Leistung (f) mileage run during a certain period parcours (m) en kilomètres d'un wagon sans entree en réparation, prestation (f) kilométrique (Belgique), parcours (m) kilométrique	пробѣгъ (m) въ километрахъ lavoro (m) chilometrico trabajo (m) kilométrico	1
Zugkilometer (m) (Zugmeile (f), Zugwerst (f)) train-kilometer (train-mile) train-kilomètre (m)	поѣздо-километръ (m) (поѣздо-миля (f); поѣздо-верста (f)) treno (m) chilometro tren-kilómetro (m)	2
Lokomotivkilometer (m) (Lokomotivmeile (f), Lokomotivwerst (f)) engine-kilometer *or* mile locomotive-kilomètre (f)	паровозо-километръ (m); (паровозо-миля (f), паровозо-верста (f)) locomotiva-chilometro (f) locomotora-kilómetro (f)	3
Wagenkilometer (m) car-kilometer *or* mile voiture-kilomètre (m), wagon-kilomètre (m)	вагоно-километръ (m) vettura-chilometro (f) vagón-kilómetro (m)	4
Achskilometer (m) (Achsmeile (f), Achswerst (f)) axle-kilometer *or* mile essieu-kilomètre (m)	осе-километръ (m) (осе-миля (f), осе-верста (f)) asse-chilometro (m) eje-kilómetro (m)	5
Personenkilometer (m) passenger kilometer *or* mile voyageur-kilomètre (m)	пассажиро-километръ (m) viaggiatore-chilometro (m) viajero-kilómetro (m)	6
Tonnenkilometer (m) (Tonnenmeile (f), Pudwerst (f)) ton-kilometer *or* mile tonne-kilomètre (f), t-km	тонна-километръ (m) (тонна-миля (f); пудо-верста (f)) tonnellata-chilometro (f) tonelada-kilómetro (f), t-km	7
Personenzugachse (f) carriage axle essieu (m) de train de voyageurs	пассажирская ось (f) asse (m) di treno viaggiatori eje (m) de tren de viajeros	8
Lastachse (f), Güterzugachse (f) truck *or* wagon axle essieu (m) [de train] à marchandises	товарная ось (f) asse (m) di treno merci eje (m) de tren de mercancías	9
Streckenbelastung (f) volume of traffic *or* load on section charge (f) de la ligne, intensité (f) du service sur une ligne *ou* une section	участковая нагрузка (f) carico (m) per sezione intensidad (f) de tráfico de la línea *o* por sección	10

1	Radbelastung (f), Radlast (f) wheel-load charge (f) des roues	давленіе (n) на колесо carico (m) per ruota carga (f) de una rueda
2	bewegte Last (f), rollende Last (f), Betrieb[s]last (f) rolling load, traffic load charge (f) roulante, charge (f) en [ordre de] service	подвижная нагрузка (f); вѣсъ (m) на ходу carico (m) mobile, carico (m) di servizio carga (f) móvil, carga (f) de servicio
3	Güterzugdienst (m) goods train service service (m) des trains de marchandise	служба (f) движенія товарныхъ поѣздовъ servizio (m) di treni merci servicio (m) de los trenes de mercancías
4	Einladen (n) der Güter loading the goods chargement (m)	погрузка (f) товаровъ *или* грузовъ carico (m) merci carga (f)
5	Ausladen (n) der Güter unloading the goods déchargement (m)	выгрузка (f) товаровъ *или* грузовъ scarico (m) merci descarga (f)
6	Güterabfertigung (f) goods despatch expédition (f) des marchandises	отправка (f) грузовъ *или* товаровъ spedizione (f) merci expedición (f) de las mercancías
7	Ladestelle (f) loading point endroit (m) de charge-	мѣсто (n) погрузки luogo (m) di carico punto (m) de carga
8	Entladestelle (f) unloading point endroit (m) de déchargement	мѣсто (n) выгрузки luogo (m) di scarico punto (m) de descarga
9	aufladen (v) to load charger (v)	грузить; нагру-зить [-жать] caricare (v) cargar (v)
10	abladen (v) to unload décharger (v)	выгрузить; выгружать scaricare (v) descargar (v)
11	die Wagen ladebereit stellen (v) to prepare the trucks for loading mettre (v) les wagons en ordre de chargement	держать вагоны готовыми къ нагрузкѣ mettere (v) i carri sotto carico poner (v) los vagones en disposición de cargar
12	durch die Wagen durchladen (v) to load through the wagons charger (v) à travers les wagons	грузить черезъ вагонъ caricare (v) attraverso i carri cargar (v) los vagones á través de otros



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Beiladen (n) loading from the platform chargement (m) en débord *ou* chargement (m) des colis à quai	грузка (f) съ доставкою товаровъ къ вагону на багажныхъ телѣжкахъ; грузка съ багажныхъ телѣжекъ scarico (m) sul piano scaricatore carga (f) de los bultos en el muelle	1
Stückgut (n) parcels colis (m), marchandise (f) emballée	попудный грузъ (m) *или* товаръ (m) merce (f) a colli [carga (f) de] fardería (f), bultos (m pl)	2
Stückgutverkehr (m) parcels traffic trafic (m) *ou* mouvement (m) des colis	перевозка (f) [оборотъ (m)] попуднаго груза movimento (m) di merce a colli tráfico (m) de bultos *ó* de fardería	3
Rohgut (n), Wagenladungsgut (n) raw goods matières (f pl) brutes, matières (f pl) pour charge (f) complète	навалочный грузъ (m); массовый грузъ materie (f pl) prime, materie per carico completo mercancías (f pl) para carga por vagones completos	4
Freiladeverkehr (m), Wagenladungsverkehr (m) full truck traffic trafic (m) en vrac	перевозка (f) [оборотъ (m)] навалочныхъ грузовъ movimento (m) merci in carri aperti tráfico (m) de cargas á granel *ó* de mercancías confundibles	5
Sperrgut (n), sperriges Gut (n) bulk freight marchandise (f) encombrante	громоздкій грузъ (m) *или* товаръ (m) merci (f pl) ingombranti mercanícas (f pl) de gran volumen	6
Feuergut (n) fire-goods marchandise (f) *ou* produit (m) combustible *ou* inflammable	легковоспламеняющійся *или* самовозгорающійся грузъ (m) merci (f pl) *o* prodotti (m pl) combustibili *od* inflammabili mercanicías (f pl) inflamables	
Eilgut (n) express goods marchandise (f) [expédiée] en grande vitesse	товаръ (m) *или* грузъ (m) большой скорости merci (f pl) a gran velocità mercancías (f pl) en gran velocidad	8
Frachtgut (n) goods sent by goods *or* freight *or* slow train marchandise (f) [expédiée] en petite vitesse	товаръ (m) *или* грузъ (m) малой скорости merci (f pl) a piccola velocità mercancías (f pl) en pequeña velocidad	9

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1	Lagerfrist (f) period of free storage délai (m) de dépôt	срокъ (m) храненія durata (f) di deposito plazo (m) de almacenaje
2	bestättern (v) to convey remettre (v) à domicile, camionner (v)	доставить на подводѣ consegnare (v) a domicilio entregar (v) á domicilio
3	Empfangstation (f) receiving station gare (f) *ou* station (f) d'arrivée *ou* de destination	станція (f) назначенія stazione (f) di destimo *o* d'arrivo estación (f) de destino *ó* receptora
4	Versandstation (f) despatch station gare (f) *ou* station (f) d'expédition	станція (f) отправленія stazione (f) di spedizione estación (f) de expedición
5	Rohlast (f) gross load, total load charge (f) brute	общій вѣсъ (m); вѣсъ брутто carico (m) lordo carga (f) bruta
6	Nutzlast (f) net load charge (f) utile *ou* nette	полезный грузъ (m) carico (m) netto *od* utile carga (f) útil
7	Ladeziffer (f) proportion of gross to net load coefficient (m) de chargement, rapport (m) entre les charges utile et brute	отношеніе (n) общаго вѣса къ полезному coefficente (m) di carico coeficiente (m) de carga
8	Laderaum (m), Ladefähigkeit (f) loading room tonnage (m), capacité (f) de chargement	ёмкость (f) capacità (f) di carico tonelaje (m), capacidad (f) de carga
9	Tragfähigkeit (f) carrying capacity charge (f) utile	подъёмная способность (f) peso (m) utile *o* carico utile carga (f) útil
10	Übergang (m) der Betrieb[s]mittel exchange *or* transfer of rolling stock échange (m) du matériel roulant	обмѣнъ (m) подвижного состава scambio (m) del materiale mobile relevo (m) del material móvil
11	Freizügigkeit (f) der Wagen interchange of vehicles liberté (f) de parcours des wagons	свободное обращеніе (n) вагоновъ libertà (f) di transito dei veicoli libertad (f) de circulación de los vagones
12	freizügig (adj) interchangeable à libre parcours	свободно обращающійся a libero percorso de libre circulación

Fahrplan (m) time table, schedule horaire (m) des trains, graphique (m) des trains	расписаніе(n) поѣздовъ orario (m) dei treni cuadro (m) de marcha, horario (m) de los trenes	1
Dienstfahrplan (m) service time table tableau (m) *ou* horaire (m) du service des trains	расписаніе (n) служебныхъ поѣздовъ tabello (f) orario del servizio dei treni cuadro (m) *ú* horario (m) de servicio [de los trenes]	2
bildlicher Fahrplan (m) graphical time table graphique (m) des trains	графикъ (m) grafico (m) dei treni [cuadro (m)] gráfico (m) de marcha de trenes	3
Aushängefahrplan (m) time table (sheet *or* poster) horaire (m) affiché des trains	настѣнное расписаніе поѣздовъ orario (m) murale horario (m) indicador de los trenes	4
Kursbuch (n), Fahrplanbuch (n) railway guide, official guide guide (m) *ou* indicateur (m) des chemins de fer	[желѣзнодорожный] путеводитель (m); указатель (m) пассажирскихъ сообщеній orario (m) *o* guida (f) delle ferrovie guía (f) de ferrocarriles	5
fahrplanmäßig (adj) scheduled normal (adj) *ou* conforme (adj) à l'horaire	по *или* согласно расписанію secondo (agg) l'orario regular (adj) *ó* conforme al horario	6
außerfahrplanmäßig (adj) not in accordance with the time table *or* not as scheduled anormal (adj) *ou* non conforme (adj) à l'horaire	непредусмотренный расписаніемъ non conforme (agg) all'orario irregular (adj) *ó* no conforme al horario	7
Betriebsicherheit (f) safety of traffic sécurité (f) de l'exploitation	безопасность (f) движенія поѣздовъ sicurezza (f) dell'esercizio seguridad (f) de la explotación	8
Betrieb[s]gefahr (f) service danger danger (m) de l'exploitation	опасность движенія pericolo (m) d'esercizio peligro (m) de la explotación	9

1	eine andere Linie gefährden (v) to foul another line mettre (v) une autre ligne en danger	грозить опасностью другой линіи mettere (v) un altra linea in pericolo poner (v) otra linea en peligro
2	Betriebstörung (f) disturbance of traffic *or* of the service perturbation (f) de service, dérangement (m) dans le service	перерывъ (m) движенія perturbazione (f) nel servizio interrupción (f) del *ó* en el servicio
3	Zugtrennung (f), Abreißen (n) des Zuges division *or* breaking of the train, breakaway rupture (f) d'attelages d'un train	разрывъ (m) поѣзда spezzamento (m) *o* rottura (f) del treno división (f) *ó* ruptura (f) del tren
4	der Zug bleibt liegen the train is left le train est immobilisé	поѣздъ (m) задерживается il treno rimane immobilizzato el tren que da parada
5	Betrieb[s]unfall (m) accident accident (m) d'exploitation	случай (m) съ поѣздомъ; крушеніе (n) поѣзда accidente (m) d'esercizio accidente (m) de explotación
6	Unfallstelle (f) place where accident occured lieu (m) d'un accident	мѣсто (n) несчастія *или* крушенія luogo (m) d'una disgrazia lugar (m) de un accidente
7	Zugzusammenstoß (m) collision rencontre (f) de trains	столкновеніе (n) scontro (m) di treni encuentro (m) de trenes
8	Zusammenstoß (m) gegeneinander fahrender Züge butting collision collision (f) des trains	столновеніе (n) встрѣчныхъ поѣздовъ collisione (f) di treni choque (m) de trenes
9	Entgleisung (f) derailment déraillement (m)	сходъ (m) съ рельсовъ; крушеніе (n) fuorviamento (m) descarrilamiento (m)
10	Entgleisungsstelle (f) point of derailment endroit (m) du déraillement	мѣсто схода съ рельсовъ; мѣсто (n) крушенія luogo (m) del fuorviamento lugar (m) del descarrilamiento
11	Außerdienstsetzung (f) putting out of service, with drawing from service mise (f) hors [de] service	изъятіе (n) изъ службы messa (f) fuori di servizio puesta (f) fuera de servicio

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Name	Age	Residence	Occupation	Date of Death	Place of Death	Cause of Death	Place of Burial
Ackerman, Jacob	21	Ashland	Farmer	1862	Ashland	Typhoid Fever	Ashland

Name	Date	Time	Place
Ashley Ashley	1/1/1	1/1/1	1/1/1

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Name	Age	Sex	Residence
Abdul Ali	30	M	Dhaka
Abdul Ali	30	M	Dhaka
Abdul Ali	30	M	Dhaka

Nation	Gold	Silver	Bronze	Total
Germany	12	8	5	25
Great Britain	11	7	4	22
Sweden	10	6	3	19
Finland	9	5	2	16
Norway	8	4	1	13
Russia	7	3	1	11
Hungary	6	2	1	9
Belgium	5	1	1	7
Austria	4	1	1	6
Denmark	3	1	1	5
Netherlands	2	1	1	4
Spain	1	1	1	3
Italy	1	1	1	3
Switzerland	1	1	1	3
France	1	1	1	3
Greece	1	1	1	3
Portugal	1	1	1	3
Romania	1	1	1	3
Czechoslovakia	1	1	1	3
Poland	1	1	1	3
Ireland	1	1	1	3
Turkey	1	1	1	3
Total	100	100	100	300

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Germany	12	8	5	25
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Norway	8	4	1	13
Russia	7	3	1	11
Hungary	6	2	1	9
Belgium	5	1	1	7
Austria	4	1	1	6
Denmark	3	1	1	5
Netherlands	2	1	1	4
Spain	1	1	1	3
Italy	1	1	1	3
Switzerland	1	1	1	3
France	1	1	1	3
Greece	1	1	1	3
Portugal	1	1	1	3
Romania	1	1	1	3
Czechoslovakia	1	1	1	3
Poland	1	1	1	3
Ireland	1	1	1	3
Turkey	1	1	1	3
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Switzerland	1	1	1	3
France	1	1	1	3
Greece	1	1	1	3
Portugal	1	1	1	3
Romania	1	1	1	3
Czechoslovakia	1	1	1	3
Poland	1	1	1	3
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Greece	1	1	1	3
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Poland	1	1	1	3
Ireland	1	1	1	3
Turkey	1	1	1	3
Total	100	100	100	300

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Name	Rank	Unit
[illegible]	Private	[illegible]
[illegible]	Private	[illegible]
[illegible]	Private	[illegible]

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Name	Age	Sex	Residence	Occupation	Date of Death	Place of Death	Cause of Death	Informant
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Year	Winner	Runner-up
1966	Ireland	Australia
1967	Ireland	Australia
1968	Ireland	Australia
1969	Ireland	Australia
1970	Ireland	Australia
1971	Ireland	Australia
1972	Ireland	Australia
1973	Ireland	Australia
1974	Ireland	Australia
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2015	Ireland	Australia
2016	Ireland	Australia
2017	Ireland	Australia
2018	Ireland	Australia
2019	Ireland	Australia
2020	Ireland	Australia
2021	Ireland	Australia
2022	Ireland	Australia
2023	Ireland	Australia
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Упора мѣсто . 440.1
Упорная подушка 188.4
- полоса . . . 487.3
- скоба . . . 188.5
- штанга . . 438.9
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- брусъ . . . 297.3
- столбъ . . 297.3
- уголокъ . . 147.8
- штифтъ . . 450.6
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- желѣзной дороги 513.8
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- - - - непосредственное 407.4
- сигналомъ . 394.6
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- издержки . 11.4
Упругая подкладка 128.5
- прокладка . 128.5 195.9
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-гія деформаціи остряка 184.11
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- оттяжки . . 367.7
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- колѣнчатый 428.4
- промежуточный 428.2
- рычажный . 428.5
- - простой промежуточный 428.7
- - сложный промежуточный 428.7
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-ное дѣйствіе 331.2
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- проводъ . . 307.6
- рельсъ . . . 117.7
- токъ 304.3
- рычагъ двуплечій прямой 428.5
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- поворотный кругъ 212.3
Уравновѣшивающая пружина 455.7
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- - указатель 287.1
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- - - пониженіе 54.9
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- - по сооруженію желѣзныхъ дорогъ 14.6
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-ное обозначеніе кривыхъ подъ продольнымъ профилемъ 344
-ный подъемъ 29.7
- поѣздъ . . 512.8
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- - колѣно . . 192.7
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- пружинящій 195.4
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- службы движенія 14.9
- служебный 14.2
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- столбъ . . 377.8
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- воздушнаго провода 504.7
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-, подводящая токъ 335.5
- портативная преобразователей 330.5
- пылеочистительная 298.3
- пылесосовъ 298.3
- семафорная 408.3
- сигналовъ по прямой линіи поперекъ путей 403.4
- - поѣздомъ 475.7
- - уступами . 403.5
- телефонная съ центральной станціей 482.7
- централизаціонная 408.3
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Установочное кольцо 373.2
-ный матеріалъ 506.3
- угольникъ . 426.1
Устои свода . 76.3
Устой мостовой 63.6
- пониженный 58.8
Устойчивая порода 64.11
Устойчивость пути 116.7
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- - эксплоатаціи отвѣтвленія 230.2
- - управленія и блокировки сигналовъ и переводовъ 407.3
- -электрическихъ желѣзныхъ дорогъ 298.1
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- для огражденія 402.4
- - очистки . 292.4
- - подачи золы 276.3
- - - угля на паровозъ 278.3
- - сигнализаціи времени 482.8

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sample	Sample Type	Date Collected	Date Received
1	Water	2/2/2011	2/3/2011

Analyte	Result	Units	Method	Date Analyzed	Analyst
Chloride	1.0	mg/L	EPA 300.0	2/3/2011	[illegible]
Fluoride	0.2	mg/L	EPA 300.0	2/3/2011	[illegible]
Nitrate	0.1	mg/L	EPA 300.0	2/3/2011	[illegible]
Nitrite	0.1	mg/L	EPA 300.0	2/3/2011	[illegible]
Phosphate	0.1	mg/L	EPA 300.0	2/3/2011	[illegible]
Sulfate	1.0	mg/L	EPA 300.0	2/3/2011	[illegible]
Total Alkalinity	1.0	mg/L	EPA 310.1	2/3/2011	[illegible]
Total Hardness	1.0	mg/L	EPA 130.2	2/3/2011	[illegible]
Total Dissolved Solids	1.0	mg/L	EPA 160.1	2/3/2011	[illegible]
Total Suspended Solids	1.0	mg/L	EPA 160.2	2/3/2011	[illegible]
Total Coliform	1.0	MPN	EPA 9223	2/3/2011	[illegible]
Fecal Coliform	1.0	MPN	EPA 9223

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Name	Rank	Unit	Date of Birth	Place of Birth	Date of Death	Place of Death	Cemetery
[illegible]	Private	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Figure 1 – Schematic of the Transport Model [1]

Transport Model
Input Data
Output Data
Transport Model
Input Data
Output Data
Transport Model
Input Data
Output Data

Errata.

	falsch wrong faux	напечатано falso falso	richtig correct correct	слѣдуетъ corretto correcto
1.7	entretinimiento		conservación	
2.1	экслпоатація		эксплоатація	
6.4/5	urban, city		urban *or* city	
11.8	comunicazione		communicazione	
12.6	transporto		transporte	
14.7	соглашенія		соглашенія	
16	Estudi		studi	
17.2	предварителной		предварительной	
18.8	Мѣстность		мѣстность	
29.4	tratta		tratto	
35.3	принудителъномъ		принудительномъ	
41.7	ringonfiamento		rigonfiamento	
42.7	costruzione della via		via di servizio	
42.9	los		las	
49.1	cosolidamento		consolidamento	
53.2	Horizontal Crossings		Level Crossings	
55.7	é de las		y de las	
61.6	varios		varias	
61.7	voie súrélevée linea soprelevata via elevada		voie (f) sur la semelle supérieure linea (f) sul tavolato superiore via (f) sobre la tabla superior de la viga	
61.8	voie à niveau linea a livello via á nivel		voie (f) sur la semelle inférieure linea (f) sul tavolato inferiore via (f) sobre la tabla inferior de la viga	
61.9	tablier surbaissé tavolato abbassato tablero rebajado		voie (f) à mi-poutre linea (f) sul tavolato di mezzo tablero (m) colocado á la mitad de la altura de la viga	
64.3	mortterrains		, morts-terrains	
65.5	montagne facilmente franabili		montagne facilmente non franabili	
65.7	formato de		formado de	
66.10	saltae		saltare	
68.7	barreno		explosión (f) de una mina	
68.8	barreros		barrenos	
76.3	upbolding the arch		upholding the arch	
78.2	voie de roulement [pour brouette]		voie de roulement	
78.7	timpering		timbering	
79.8	gallery frame, timbering		gallery frame timbering	
81.2	sussguenti		susseguenti	
83.3	marco (m) ó		marco (m) metálico,	
83.7	boisage (m) par cadre et portants		boisage (m) par cadre et montants	
85.3	pied (m) droit		pied-droit (m)	
86.5	localised sinking » éboulement localisé » localizzato » ocalizado		working face collapse éboulement au front de taille sulla testata della galleria al frente	

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	falsch wrong faux	напечатано falso falso	richtig correct correct	слѣдуетъ corretto correcto
92.4	di incenelo		el incendio	
93.2	fosso		foso	
94.2	de dos bancales de altura diferente		de dos alturas diferentes	
100.8	gaine		gaine	
107.5	pulverisation		pulvérisation	
»	polverizazione		polverizzazione	
109.1	= 1,524 cm		= 1,524 m	
111.3	charge admisible		charge admissible de la roue	
112.4	base, flange		base *or* flange	
124.4	los entalladuras		las entalladuras	
124.8	lifting		lifting	
132.9	clip (m)		clip	
138.2	upport		support	
143.1	fish-bar		fish-plate	
145.1	track for heavy traffic		track with reinforced joints	
»	odormamento		adornamento	
146.1/2	bar (f)		bar (A)	
148.6	дородъ		дорогъ	
149.5	сдожный		сложный	
151.1	рельсъ (m)		полый рельсъ (m) [Скотъ-Демербэ]	
151.8	junta cuneiforme		junta de cuña	
155.5	alineacón		alineación	
158.10	trajecto		trayecto	
159.8	zeppa		zappa	
164.6	штруба		Штруба	
166.2	sleeper saddle rack railway		sleeper saddle (rack railway)	
170.1	замкутый		замкнутый	
170.8	é		y	
171.2	poulie à gorge, droite		poulie à gorge droite	
182.9	ogo		ago	
185.4	fija		fijo	
196.5	diamand		diamond	
200.7	conzamiento		cruzamiento	
201.3	*ou* emplacement		, emplacement (m) de pose	
201.5	*ou* de jonction simple		, jonction (f) simple	
202.2	rallourci		raccourci	
206.8	piattaforma da strada		strada (f) di piattaforme	
211.6	por		par	
220.1	enterrado		encajado	
224.4	transfersale		transversale	
232.4	islote ó con		islote con	
236.5	strain		train	
240.8	rifinto		rifiuto	
240.5	voie		voies	
241.4	grippo		gruppo	
241.6	di imistamento		di smistamento	
242.2-5	grille		gril	
243.4	tracarri		tra carri	
244.2	Plants for the Passenger and Luggage Traffic		Buildings and Plant for the Passenger and Luggage Traffic	
245.3	capostasione		capostazione	
246.6	marqueo		marquer	
247.4	spozio		spazio	
249.7	scarico (m)		sporgenza (f)	
252.6	à marchandises		pour les bagages	
254.8	roches		coches	
270.4	перевижная		передвижная	
273.2	cadran		index	
275.2	simple		séparée	
279.2	пядь		рядъ	

	falsch wrong faux	напечатано falso falso	richtig correct correct	слѣдуетъ corretto correcto
281.4	[почвенной *или* подпочвенной] воды		почвенной *или* подпочвенной воды	
285.8	d'aria		dell'aria	
289.1	califacción		calefacción	
294.11	curve de		curva de	
302.7	per seconde		par seconde	
302.9	уголь		уголъ	
303.1	las phases		las fases	
307.2	riscaldamente		riscaldamento	
312.3	monophasi		monophasé	
315.8	распредѣлителная		распредѣлительная	
319.3	commutatore rotazione		commutatore a rotazione	
323.8	conector		conectar	
342.5	Insolationsmesser		Isolationsmesser	
345.8	wire of figure of eight section		wire of figure eight section	
»	проволоůа		проволока (f)	
346.3	aplasta		aplastar	
347.10	ojo rectilineo		ojo para sección rectilinea	
353.3	подвижная переставляющаяся *или* воздушная крестовина		подвижная *или* переставляющаяся воздушная крестовина	
356.8	section		sections	
378.5	gros (adj) bout		gros bout (m)	
»	нижій		нижній	
378.9	finer		fixer	
383.8	electric traction		current conduction	
386.3	joint *ou* rails connexion pour		joint *ou* connexion pour rails	
389.1	les extrémités		aux extrémités	
397.2	снгальный		сигнальный	
406.1	tog signal		fog signal	
411.1	al fil		al filo	
423.5	фондаментъ		фундаментъ	
435.5	voldana		roldana	
442.3	separati		separate	
466.3/4	porto		posto	
472.6	перемѣный		перемѣнный	
483.3	rouage (m)		rouages (m pl)	
488.5	tamburro		tamburo	
»	des segnali		dei segnali	
491.7	carrinola		carriuola	
494.4	piantane		piantone	
496.8	dresser		redresser	
497.1	taladrora		talatradora	
497.2	taladrora		talatradora	
513.1	à directe		directe	
515.3	ispecione		ispezione	
518.1	itinerario		intinerario	
519.1	thrains		trains	
520.7	trenos		trenes	
522.4	enrégistrement		enregistrement	
523.9	servizie		servizio	
526.5	lanzas		lanzar	
527.1	двыженіе (n) взад и впередъ		движеніе (n) взадъ и впередъ	
527.5	matérial		matériel	
529.1	sans entree		sans entrer	
530.7	charge-		chargement	
533.2	tabello		tabella	
534.8	столновеніе		столкновеніе	
534.11	with drawing		withdrawing	

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, book must be brought to the desk.
O WEEK BOOK
O NOT RETURN BOOKS ON SUNDAY

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